


Undergraduate catalog 2010-2012



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ILLINOIS STATE UNIVERSITY

Undergraduate Catalog

2010-2012

Effective May 10, 2010

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Faculty Information

Faculty whose names appear in the department faculty lists were teaching at the University during the previous fall semester. Because of sabbatical leaves, temporary assignments, research projects, and other reasons, not all of these faculty will be teaching in the period covered by this catalog.

University Offices

University Operator	(309) 438-2111
Academic Advisement	438-7604; www.uCollege.ilstu.edu/advising
Admissions	438-2181; IllinoisState.edu/admissions
Disability Concerns	438-5853
Office of Equal Opportunity, Ethics and Access	438-3383; www/EqualOpportunity.ilstu.edu
Financial Aid	438-2231; IllinoisState.edu/financialaid
Graduate School	438-2583; www.Grad.ilstu.edu
Honors Program	438-2559; IllinoisState.edu/honors
International Studies	438-5365
Office of Parking and Transportation	438-8391; www.Parking.ilstu.edu
Parent Services	438-3753; www.DeanofStudents.ilstu.edu
Student Affairs	438-5451; www.StudentAffairs.ilstu.edu
Student Service Referral Center	438-2188; www.registrar.ilstu.edu
University College	438-3217; IllinoisState.edu/ucollege
University Housing Services	438-8611; www.Housing.ilstu.edu
University Registrar	438-2188; www.registrar.ilstu.edu
Veterans Services	438-2207; www.registrar.ilstu.edu

Visit our Illinois State University Website at IllinoisState.edu

For the catalog information on-line, visit our catalog Web site at IllinoisState.edu/catalog

The statements in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and Illinois State University. The course offerings and requirements of the University are continually under review and revision. This catalog presents those in effect at the time of publication. Courses listed in this publication are subject to revision without advance notice and are not necessarily offered each term or each year.

Information regarding changes will be available in the Offices of the University Registrar, the Provost, the colleges, major departments, and schools. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

NOTIFICATION OF RIGHTS UNDER FERPA AND PUBLIC NOTIFICATION OF DIRECTORY INFORMATION

Notification of Rights Under FERPA for Postsecondary Institutions:

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

(1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

A student should submit to the University Registrar a written request that identifies the record(s) the student wishes to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance com-

mittee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University.

Upon request, the University also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Public Notification of Directory Information:

At its discretion, Illinois State University may provide "directory information" in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA). Directory information is defined as that information which would not generally be considered harmful or an invasion of privacy if disclosed. Designated directory information at Illinois State University includes the following: student's name, address (local and home), telephone listing (local and home), electronic email address, date and place of birth, major field of study, dates of attendance, grade level, enrollment status (e.g. undergraduate or graduate, full-time or part-time), participation in officially recognized activities or sports, weight or height of members of athletic teams, degrees, honors and awards received, and the most recent educational agency or institution attended. Students may block the public disclosure of directory information by notifying the Office of the University Registrar in writing prior to the first day of classes.

Please consider very carefully the consequences of a decision to withhold directory information. A non-disclosure block will call for Illinois State University not to release any of this "directory information;" thus, any future requests for such information from non-institutional persons or organizations will be refused.

Illinois State University will honor your request to withhold directory information but cannot assume responsibility to contact you for subsequent permission to release this information. Regardless of the effect upon you, Illinois State University assumes no liability as a result of honoring your instructions that such information be withheld.

Although the initial request may be filed at any time, requests for non-disclosure will be honored by the University until removed, in writing, by the student.

OFFICE OF EQUAL OPPORTUNITY, ETHICS AND ACCESS

Illinois State University fosters a campus environment that recognizes individual and cultural differences and is strongly committed to the ethical and legal principle that each faculty member of the University community enjoys academic freedom and all members of the University have a constitutional right to free speech. The right of free expression and the open exchange of ideas and views are essential, especially in a learning environment. Illinois State University vigorously upholds these freedoms. However, the value of free expression may be undermined by certain acts of harassment or discrimination. Such harassment or discrimination may result in the loss of self-esteem for the victim and the deterioration of a quality classroom, social, or work environment. Therefore any act of harassment or discrimination will not be tolerated.

Harassment or discrimination based upon race, ethnicity, national origin, color, religion, gender, gender identity and expression, age, disability, sexual orientation, or veteran status is in violation of the law and this policy and will not be tolerated.

Retaliation against any person alleging harassment, discrimination, or exercising their legal right to have their allegation investigated (either internally or externally) is prohibited both by law and this policy.

As members of the Illinois State University community, students, faculty, administrators and staff have the responsibility to respect and not violate the rights of others and to show tolerance for opinions that differ from their own. However, nothing in this policy prohibits appropriate admonition, argument and correction by an instructor in the conduct of his/her professional responsibility in the interest of maintaining order, upholding standards, stimulating thought or promoting competence. Such action is, by definition, not a violation of this policy. Likewise, nothing in this policy precludes management's inherent authority to plan, direct and evaluate the activities of other organizational members in accordance with sound management principles and directives, including communicating, training and disciplining employees.

All students, faculty and staff are expected to adhere to this policy and will be held accountable for violating it. Illinois State University will respond promptly to all complaints of harassment, discrimination, and retaliation. Violation of this policy can result in serious disciplinary action up to and including expulsion for students or discharge for employees.

Definitions:

Discrimination: an action or behavior that results in negative or different treatment of an individual based upon race, ethnicity, national origin, color, religion, gender, gen-

der identity and expression, age, disability, sexual orientation, or veteran status.

Harassment: an unwelcome conduct that is based upon race, ethnicity, national origin, color, religion, gender, gender identity and expression, age, disability, sexual orientation, or veteran status.

Sexual Harassment: any unwelcome behavior of a sexual nature which may be physical, verbal, or non-verbal. Sexual harassment includes unwelcome sexual advances, requests for sexual favors, or other behavior of a sexual nature and becomes a violation of University policy when:

- The offensive conduct explicitly or implicitly becomes a term or condition of employment or participation in a university course, program or activity; or
- The conduct is sufficiently severe, pervasive, or persistent as to interfere with an individual's work, academic or program participation, or creates an environment that a reasonable person would consider intimidating, hostile or offensive.

Retaliation: occurs when an adverse action is taken against an individual because s/he engaged in a protected activity such as filing a harassment/discrimination complaint or participating in an investigation of a harassment/discrimination investigation.

Statute of Limitations:

To be actionable, a complaint must be filed with the Office of Equal Opportunity, Ethics, and Access within 180 days of the most recent incident of alleged harassment or discrimination.

Confidentiality:

While confidentiality cannot be guaranteed, persons involved in a discrimination, harassment, or sexual harassment complaint are expected to treat all information as confidential unless disclosure of the information is compelled by law.

Contact Information:

For more information regarding this policy or to file a formal complaint please contact:

The Office of Equal Opportunity, Ethics, and Access
Illinois State University
208 Hovey Hall – Campus Box 1280
Normal, IL 61790
PH: (309) 438-3383
Website: www.EqualOpportunity.ilstu.edu

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University Calendar, 2010-2011

2010 Summer Session

May 10	Opening of summer session.
May 31	Memorial Day holiday.
June 11	Last day for undergraduate students to apply and pay fee for graduation in August.
July 5	Independence Day holiday - no classes.
August 6	Summer session ends.
August 10	Grades due by 12:00 noon.

2010 Fall Semester

Aug. 16-22	Registration and program change. Please see registration information at www.registrar.ilstu.edu .
Aug. 22	Last day to withdraw from classes with a full refund of tuition and fees.
Aug. 23	Classes begin.
Aug. 27	Last day for late registration.
Sept. 3	Last day for program change.
Sept. 6	Labor Day holiday.
Sept. 10	Last day for undergraduate students to apply and pay fee for graduation in December.
Oct. 15	Last day to withdraw or to remove credit/no-credit or audit option from a full semester class.
Oct. 16	First half of semester ends.
Oct. 18	Second half of semester begins.
Nov. 12	Last day to withdraw from the University for fall 2010.
Nov. 20	Thanksgiving vacation begins at 12:00 noon.
Nov. 29	Classes resume.
Dec. 11	Last day of classes.
Dec. 13-17	Evaluation and review period.
Dec. 17	Fall semester ends.
Dec. 18	Commencement.
Dec. 20	Grades due by 12:00 noon.

2011 Spring Semester

Jan. 3-9	Registration and program change. Please see registration information at www.registrar.ilstu.edu .
Jan. 9	Last day to withdraw from classes with a full refund of tuition and fees.
Jan. 10	Classes begin.
Jan. 14	Last day for late registration.
Jan. 17	Martin Luther King, Jr. holiday.
Jan. 24	Last day for program change.
Feb. 11	Last day for undergraduate students to apply and pay fee for graduation in May.
Mar. 4	Last day to withdraw or drop the credit/no-credit or audit option from a full semester class.
Mar. 5	First half semester ends. Spring vacation begins at noon.
Mar. 14	Classes resume.
April 8	Last day to withdraw from the University for Spring 2011.
April 30	Last day of classes.
May 2-6	Evaluation and review period.
May 6	Spring semester ends.
May 6-7	Commencement.
May 10	Grades due by 12:00 noon.

The University will accommodate, within reason, students whose religious obligation requires absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

2011

January								February							March							April							May										
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2010

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University Calendar, 2011-2012

2011 Summer Session

- May 9 Opening of summer session.
- May 30 Memorial Day holiday.
- June 10 Last day for undergraduate students to apply and pay fee for graduation in August.
- July 4 Independence Day holiday - no classes.
- August 5 Summer session ends.
- August 9 Grades due by 12:00 noon.

2011 Fall Semester

- Aug. 15-21 Registration and program change. Please see registration information at www.registrar.ilstu.edu.
- Aug. 21 Last day to withdraw from classes with a full refund of tuition and fees.
- Aug. 22 Classes begin.
- Aug. 26 Last day for late registration.
- Sept. 2 Last day for program change.
- Sept. 5 Labor Day holiday.
- Sept. 9 Last day for undergraduate students to apply and pay fee for graduation in December.
- Oct. 14 Last day to withdraw or to remove credit/no-credit or audit option from a full semester class.
- Oct. 15 First half of semester ends.
- Oct. 17 Second half of semester begins.
- Nov. 11 Last day to withdraw from the University for Fall 2011.
- Nov. 19 Thanksgiving vacation begins at 12:00 noon.
- Nov. 28 Classes resume.
- Dec. 10 Last day of classes.
- Dec. 12-16 Evaluation and review period.
- Dec. 16 Fall semester ends.
- Dec. 17 Commencement.
- Dec. 20 Grades due by 12:00 noon.

2012 Spring Semester

- Jan. 9-16 Registration and program change. Please see registration information at www.registrar.ilstu.edu.
- Jan. 16 Last day to withdraw from classes with a full refund of tuition and fees.
- Jan. 16 Martin Luther King, Jr. holiday.
- Jan. 17 Classes begin.
- Jan. 23 Last day for late registration and course changes.
- Jan. 30 Last day for program change.
- Feb. 10 Last day for undergraduate students to apply and pay fee for graduation in May.
- Mar. 9 Last day to withdraw or drop the credit/no-credit or audit option from a full semester class.
- Mar. 10 First half semester ends. Spring vacation begins at noon.
- Mar. 19 Classes resume.
- April 13 Last day to withdraw from the University for Spring 2012.
- May 5 Last day of classes.
- May 7-11 Evaluation and review period.
- May 11 Spring semester ends.
- May 11-12 Commencement.
- May 15 Grades due by 12:00 noon.

The University will accommodate, within reason, students whose religious obligation requires absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

2012

January							February							March							April							May						
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2011

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October						
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USING THE CATALOG

The University provides this *Undergraduate Catalog* to answer some of your basic questions and guide you in the right direction when you need assistance. You are encouraged to review the entire *Undergraduate Catalog* carefully to gain an overview of the opportunities offered by the University, as well as the University's expectations of you.

For specific information about particular concerns, consult the Table of Contents, Glossary, or Index in this catalog.

In this catalog you will find descriptions of a wide variety of undergraduate programs (majors and minors) in more than 167 separate fields of study. Review the department and school sections for an understanding of the requirements for each of these specific programs. In addition, the Academic Policies and Practices section details the general requirements necessary for completion of the undergraduate degree.

In this catalog you will also find descriptions for the undergraduate courses offered by the 35 academic departments and schools of the University. To learn what specific courses are offered in a given semester, consult your major department/school or the University Website at www.IllinoisState.edu.

Undergraduate Catalog Requirements

For a student who attends at least one term of each academic year, graduation requirements are specified in the *Undergraduate Catalog* for the year of entry to the University. If attendance is not continuous, a student must meet the requirements specified in the *Undergraduate*

Catalog in effect when he or she reenters the University. If such a student continues in the curriculum chosen originally, the hours earned in meeting the requirements of the original program may apply to the hour requirement of a revised program.

In all instances, the University may adjust graduation requirements to ensure that each graduate of a teacher preparation curriculum meets the course requirements for an Illinois Teaching Certificate.

A student who transfers from an Illinois public community college to this university may choose to meet graduation requirements specified in the Illinois State University *Undergraduate Catalog* in effect at the time the student entered the community college if (1) attendance was not interrupted (not including summer terms), and (2) transfer to Illinois State occurred within nine months of attendance at the community college.

Since University programs are constantly evaluated and improved, a student may graduate under new requirements published while he or she is in attendance at the University. **A student who changes to new *Undergraduate Catalog* requirements, however, must meet all the requirements including General Education and graduation requirements, in that catalog.**

COURSE PREREQUISITES

Course prerequisites in effect at the time of publication are printed in this catalog. However, prerequisites may change over time and do not depend on catalog year. The registration system will enforce prerequisites in effect at time of registration.

CONSIDERING ISU?

Overview of Illinois State

ILLINOIS STATE UNIVERSITY MISSION STATEMENT

We at Illinois State University work as a diverse community of scholars with a commitment to fostering a small-college atmosphere with large-university opportunities. We promote the highest academic standards in our teaching, scholarship, public service and the connections we build among them. We devote all our resources and energies to creating the most supportive and productive community possible to serve the citizens of Illinois and beyond.

Adopted by Academic Senate, May 7, 2008.

UNIVERSITY COMMITMENT TO DIVERSITY

Illinois State University is committed to creating a rich and challenging learning environment for all members of our intellectual community, inside and outside of the classroom. Diversity is a critical component of that learning environment and the Illinois State University community embraces it enthusiastically. The Board of Trustees and the Office of the President have approved a University Plan for Diversity that establishes a series of goals and concrete actions designed to reinforce and expand the climate for diversity on campus. The goals from the *Plan for Diversity* are incorporated into the University's strategic plan, *Educating Illinois*. Diversity is thus an essential component of university planning at Illinois State.

ACCREDITATION

Illinois State University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. For further information regarding this accreditation contact North Central Association of Colleges and Schools, at 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, phone (800) 621-7440 or (312) 263-0456, or the commission's Website at www.ncacih.org. In addition, various programs hold discipline-based accreditation. The list of agencies the University is associated with can be viewed on ISU Website: www.provost.ilstu.edu/resources/accreditation.

CAMPUS PROFILE

Illinois State's tree-shaded campus covers 490 acres and provides a study of varying architecture with 140 major buildings, most of which are less than 40 years old and accessible to individuals with disabilities. Buildings range from the castle-like appearance of Cook Hall to the modernistic dominance of the 28-story Watterson Towers residence hall, the high-tech Science Laboratory Building and the College of Business Building.

Classrooms are centrally located, conveniently surrounded by Milner Library, residence halls, athletic arenas, and facilities set aside for recreational or social activities. For destinations that may be too far to walk, a bus service runs through campus at no cost to students with a valid Illinois State University I.D. It also accommodates students with disabilities unable to use the regular bus system and those students who live in areas not serviced by established city routes.

Campus facilities include:

- Milner Library, which has 1.7 million catalogued books, 2,855 current magazine and journal subscriptions, 54,500 electronic journals, 400,000 printed government publications, 440,000 maps, and 32,000 multimedia items. Milner's Website (www.library.ilstu.edu) serves as an electronic gateway to library resources, services, facilities, and staff. In addition, Milner's "Ask a Librarian" service provides online access to live reference through Instant Messaging, text, and email reference assistance.
- Bone Student Center, including 3,500-seat Braden Auditorium and the adjacent Bowling and Billiards Center.
- Ten residence halls.
- The College of Business Building, the newest addition to campus, is around 118,000 gross square feet of classrooms, conference rooms, and offices equipped with state-of-the-art technology. Other special features include an auditorium with seating for over 200, a five-story atrium, and a central courtyard.
- The Science Laboratory Building, a state-of-the-art facility, that provides to students and faculty new opportunities for instruction and research.
- Student Services Building, including a modern, accredited, comprehensive health service.
- The Center for Performing Arts, with a 450 seat proscenium theater and an 800-seat concert hall, provides a high quality venue for performances.
- 18-hole championship golf course, 11 tennis courts, and Campus Recreation that offers features of a full-service health club.
- Redbird Arena and Horton Field House, which seat 10,005 and 8,000 respectively.
- Numerous visitors' attractions that include a planetarium, one of the largest art galleries for rotating displays in the state, ISU's fully operational 360 acre farm at Lexington, and the Jesse Fell Arboretum that includes more than 4,000 trees representing more than 100 species.

STUDENT PROFILE

Students who choose Illinois State University come from across the state, the nation, and around the globe. The diversity that exists within the student body enriches all aspects of the collegiate experience and makes the living and learning environment especially dynamic.

The academic success students achieve at Illinois State is apparent in the University's graduation, placement, and satisfaction rates. Nearly seventy percent of first-time freshmen graduate within six years. Responses to surveys of alumni reveal that 92 percent are employed and/or enrolled in further study, and 94 percent believe that Illinois State prepared them for their position.

FACULTY PROFILE

The vast majority of Illinois State's faculty members hold the highest degrees in their field. Numerous Illinois State faculty have been selected as Fulbright scholars, and many others hold leadership positions in professional organizations and societies. All are committed to excellence in teaching and service, as well as to producing high-quality research, publications, and creative art.

Faculty share their expertise beyond the expected lectures and laboratory sessions, giving students the opportunity to participate in scholarly research. Student research, completed in collaboration with distinguished professors and outstanding university researchers, is showcased each spring in the Undergraduate Research Symposium.

COMMUNITY PROFILE

Illinois State is located in the twin-city community of Bloomington-Normal, with a population of approximately 150,000. Centrally located just 137 miles southwest of Chicago and 164 miles northeast of St. Louis, the community is situated at the crossroads of three major interstates as well as along the Chicago and St. Louis railroad corridor. One of the fastest growing areas in Illinois, Bloomington-Normal enjoys a strong economy that is built on a blend of insurance, education, agribusiness, and industry.

GOVERNANCE

The Academic Senate is the major internal governance body of the University. The Senate acts in legislative and advisory roles with regard to University policies involving faculty and students, academic programs and planning, and University concerns. Based upon the concept of shared governance, the 62-member Senate's representatives consist of 31 faculty members, the composition of which is 29 tenure/tenure track faculty members, one non-tenure-track faculty member and one Faculty Associate from the Lab Schools, 21 students, including the Student Body President, one representative from the Civil Service Council and one from the Administrative Professional Council. Additionally, the ex-officio representatives are the President of the University, three Vice Presidents, one Associate Vice President, a representative from the Deans Council, a representative from the Chairs Council, and the Student Trustee.

Through the Academic Senate and its external committee system, students, faculty, staff and administrators share in the study and development of policy. Students are encouraged to participate in the Senate-appointed committees and councils such as Academic Planning Committee, Athletic Council, Council for Teacher Education, Honors Council, Council on General Education, Student Center Performing Arts and Advisory Boards, Library, Reinstatement Committees, Student Code Enforcement and Review Board (SCERB), and University Curriculum Committee. Students also participate as members of college and departmental councils and curriculum committees, and serve on search committees for the evaluation of administrative applicants and on ad hoc committees. Application forms for committees for faculty are available from the Academic Senate Office, Campus Box 1830, Hovey 408; (309) 438-8735; email address: acsenate@ilstu.edu. Applications for students are available at the Student Government Association Office, (309) 438-8971.

DIVISION OF UNIVERSITY ADVANCEMENT

Alumni Relations: Once a Redbird, always a Redbird! As far back as 1863, graduates of Illinois State have met to renew friendships, help one another find jobs, and return to campus for celebrations like Homecoming. Today, our more than 180,000 alumni carry on these traditions in addition to networking online, donating monies for student scholarships, and supporting Redbird Athletics. Membership in the Alumni Association is free, but the benefits are priceless.

Contact Alumni Relations to learn how you can connect with alumni for internships, mentoring, professional networking, the Student Alumni Association and much more. Check out opportunities for involvement like the Student Alumni Council or the annual Homecoming celebration. Visit us on the Web, or in person at the Illinois State University Alumni Centers on campus (1101 N. Main) or in Chicago (150 S. Michigan Avenue). Spread the Red!

Foundation: The Illinois State University Foundation is a not-for-profit corporation chartered by the State of Illinois for the sole purpose of soliciting, receiving, holding, investing, and administering gifts, grants, real property, historical papers, collections, and other materials which support and enhance educational opportunities at Illinois State University. **The Foundation supports Illinois State University via direct gifts and spending supported by growth in Foundation investments. The majority of Foundation spending supports scholarships for Illinois State University students.** The Foundation owns the Illinois State University Alumni Center, where the Foundation, Alumni Relations, and other university functions are located. The Foundation also owns and operates Ewing Cultural Center, which comprises Ewing Manor, The Theatre at Ewing (home of the Illinois Shakespeare Festival), and the Genevieve Green Garden. It also maintains an office in Chicago which supports alumni and staff of Illinois State University and houses Chicago-based staff of Alumni Relations, Development, and the Office of Admissions. A

Board of Directors comprised of alumni, friends of the University, and ex-officio campus representatives oversees the policies for the Illinois State University Foundation. Gifts made to the Illinois State University Foundation are tax deductible as provided by law. Further information about the Foundation may be obtained by contacting the Vice President for University Advancement, (309) 438-7681.

Development Office: The Office of Development works with the Foundation to coordinate and encourage private giving from the broad range of the University's constituencies. The financial support generated through private giving provides resources for scholarships, faculty rewards, departmental programming, facilities and equipment and endowments. The Development Office is located in the Illinois State University Alumni Center, 1101 N. Main Street, Normal, Illinois.

Donor and Information Services: Located in the Illinois State University Alumni Center (1101 N. Main, Normal), Donor and Information Services supports the University's fundraising and donor outreach efforts. The department maintains the University's alumni and development database and provides assistance to development staff and others on campus involved in alumni, fund-raising, and donor stewardship activities.

University Marketing and Communications: University Marketing and Communications (UMC) concentrates on sharing the Illinois State University story with internal and external audiences. UMC's services to the University community include: editorial (writing and copy editing), graphic design photography, video, printing, advertising, identity and logo services, electronic marketing and communications, and integrated marketing. *Illinois State*, the University's quarterly alumni magazine, is among the many publications UMC produces. UMC also manages licensing agreements and the trademark royalty program. UMC has offices in the Illinois State University Alumni Center and the Nelson Smith Building.

Academic Program Information

Illinois State University has one of the largest undergraduate programs in Illinois and a distinguished history as the first public institution of higher education in the state. With such a rich heritage, the University has established a long-standing tradition of excellence in undergraduate education. The attention to baccalaureate education is demonstrated repeatedly as the campus community works to implement innovative programs that specifically benefit the undergraduate student.

As an undergraduate you soon will recognize the University is your partner in preparing for your success not only in the classroom but beyond and into the workplace. You will benefit from the invaluable time and expertise shared through individualized faculty attention, as more than 90 percent of undergraduate classes at Illinois State are taught by faculty members.

Illinois State University offers a variety of academic majors and minors. Students select from diverse high-quality curricula that prepares them for living and working in the 21st century. Academic degrees, listed by College, are outlined below.

UNIVERSITY-WIDE PROGRAMS

African-American Studies: (undergraduate minor)
 African Studies: (undergraduate minor)
 Children's Studies: (undergraduate minor)
 Civic Engagement and Responsibility (undergraduate minor)
 Cognitive Science: (undergraduate minor)
 Ethnic Studies: (undergraduate minor)
 Honors
 Interdisciplinary Studies: B.A., B.S. (also undergraduate minor)
 International Studies: (undergraduate minor)
 Latin American, Caribbean and Latino/a Studies: (undergraduate minor)
 Middle Eastern and South Asian Studies: (undergraduate minor)
 Native American Studies (undergraduate minor)
 Peace and Conflict Resolution Studies: (undergraduate minor)
 Teacher Education
 University Studies: B.A., B.S.
 Urban Studies: (undergraduate minor)
 Women's and Gender Studies: (undergraduate minor)

DEPARTMENTAL AND SCHOOL PROGRAMS LISTED BY COLLEGE

College of Applied Science and Technology

Agriculture: B.S., M.S.
 Athletic Training: B.S., M.S.
 Community Health Education: (undergraduate minor)
 Computer Science: B.S.
 Construction Management: B.S.
 Criminal Justice Sciences: B.A., B.S., M.A., M.S.
 Environmental Health: B.S.
 Exercise Science: B.S.
 Family and Consumer Sciences: B.A., B.S., M.A., M.S.
 Graphic Communications: B.S.
 Health Education: B.S., B.S. in Ed.
 Health Information Management: B.S.
 Industrial Technology: B.S.
 Information Systems: B.S., M.S.
 Kinesiology and Recreation: M.S.
 Medical Laboratory Science: B.S.
 Military Science: (undergraduate minor)
 Physical Education: B.S., B.S. in Ed.
 Recreation and Park Administration: B.S.
 Renewable Energy, B.S.
 Safety: B.S.
 School Health Education (undergraduate minor)
 Technology: M.S.
 Technology Education: B.S.
 Telecommunications Management: B.S.

College of Arts and Sciences

African-American Studies: (undergraduate minor)
 African Studies: (undergraduate minor)
 Anthropology: B.A., B.S.
 Applied Economics: M.A., M.S.
 Archaeology: M.A., M.S.
 Audiology: Au.D.
 Biochemistry/Molecular Biology: B.S.
 Biological Sciences: B.S., M.S., Ph.D.
 Chemistry: B.S., M.S., M.C.E.
 Children's Studies: (undergraduate minor)
 Civic Engagement and Responsibility: (undergraduate minor)
 Clinical Counseling Psychology: M.A., M.S.
 Cognitive Science: (undergraduate minor)
 Communication: M.A., M.S.
 Communication Studies: B.A., B.S.
 East Asian Studies: (undergraduate minor)
 Economics: B.A., B.S.
 English: B.A., M.A., M.S.
 English Studies: Ph.D.
 Environmental Studies: (undergraduate minor)
 Foreign Languages in the Elementary School: (undergraduate minor)
 French: B.A.
 Geography: B.A., B.S.
 Geology: B.S.
 German: B.A.
 Gerontology: (undergraduate minor)
 History: B.A., B.S., M.A., M.S.
 Hydrogeology: M.S.
 Instructional Media: (undergraduate minor)
 Integrated B.A., M.A., Languages, Literature, and Cultures (French, Spanish, or German)
 Italian Studies (undergraduate minor)
 Journalism: B.A., B.S.
 Journalism Teacher Education: (undergraduate minor)
 Latin: (undergraduate minor)
 Latin American, Caribbean and Latino/a Studies: (undergraduate minor)
 Middle Eastern and South Asian Studies: (undergraduate minor)
 Legal Studies: (undergraduate minor)
 Mass Media: B.A., B.S.
 Mathematics: B.A., B.S., M.S.
 Mathematics Education: Ph.D.
 Peace and Conflict Resolution Studies: (undergraduate minor)
 Philosophy: B.A.
 Physics: B.S.
 Political Science: B.A., B.S., M.A., M.S.
 Psychology: B.A., B.S., M.A., M.S.
 Public Relations: B.A., B.S.
 Religious Studies: (undergraduate minor)
 School Psychology: S.S.P., Ph.D.
 Social Work: B.S.W., M.S.W.
 Sociology: B.A., B.S., M.A., M.S.

Spanish: B.A.

Speech Pathology and Audiology: B.S., M.A., M.S.

Teaching English to Speakers of Other Languages: (undergraduate minor)

Urban Studies: (undergraduate minor)

Women's and Gender Studies: (undergraduate minor)

Writing: M.A., M.S., and (undergraduate minor)

College of Business

Accountancy: B.S., M.S., Integrated B.S./M.P.A.

Business Administration: B.S., M.B.A.

Business Information Systems: B.S.

Business Teacher Education: B.A., B.S., B.S. in Ed.

Finance: B.S.

Financial Planning: (undergraduate minor)

Insurance: B.S.

International Business: B.A., B.S.

Management: B.S.

Marketing: B.S.

Organizational Leadership: (undergraduate minor)

College of Education

College Student Personnel Administration: M.S.

Curriculum and Instruction: M.S., M.S.Ed., Ed.D.

Early Childhood Education: B.S., B.S. in Ed.

Educational Administration: M.S., M.S. Ed., Ed.D., Ph.D.

Elementary Education: B.S., B.S. in Ed.

Instructional Technology and Design: M.S.

Middle Level Teacher Education: B.S., B.S. in Ed.

Reading: M.S.Ed.

Special Education: B.S., B.S.Ed., M.S., M.S.Ed., Ed.D.

College of Fine Arts

Art: B.A., B.S., B.F.A., M.A., M.S., M.F.A.

Arts Technology: B.A., B.S., M.S.

Cinema Studies: (undergraduate minor)

Dance: (undergraduate minor)

Music: B.A., B.S., M.M., M.M.Ed.

Music Education: B.M.E.

Music Performance: B.M.

Theatre: B.A., B.S., M.A., M.S., M.F.A.

Mennonite College of Nursing

Nursing: B.S.N., M.S.N., Ph.D.

Admission Policies

ADMISSION APPLICATION AND PROJECTED DEADLINES

Illinois State University maintains a small college environment within a large university. We value personal attention for each and every student, and our commitment to individuals ensures that every application will be reviewed carefully by admissions representatives.

Illinois State seeks a highly-motivated, academically well-prepared, and diverse student body. Admission to the University is competitive. Applying early is encouraged as the University has the right to limit enrollment due to space availability in major programs and overall student capacity. Please refer to the Application for Admission or the Admissions Website for more information and detailed dates and deadlines.

All prospective new students and students wanting to return to the University after time away should apply for admission to Illinois State University online at IllinoisState.edu/apply.

VISIT AND CONTACT INFORMATION

The Office of Admissions encourages students and families to visit campus. Campus Information Sessions, Open Houses and appointments with an Admission Counselor are available. For more information or to make a visit reservation, visit the Office of Admissions Website or contact the Admissions Office.

Prospective students may contact the Office of Admissions through a variety of sources.

Address:

Illinois State University
Office of Admissions, Hovey Hall 201
Campus Box 2200
Normal, IL 61790-2200

Telephone: (309) 438-2181

Toll free: (800) 366-2478

TTY: (309) 438-2006

Websites: IllinoisState.edu/admissions

IllinoisState.edu/apply

IllinoisState.edu/visit

Email: admissions@IllinoisState.edu

STUDENT CLASSIFICATIONS

Beginning Freshman: The following will classify a student as a new beginning freshman.

1. A person who has never attended any college or university since graduating from high school. Students earning college hours while in high school will be classified as a new beginning freshman.

2. A person who enrolls at any college or university during the summer term between high school graduation and the subsequent fall term at Illinois State University will be classified as a beginning freshman.

3. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a beginning freshman if the high school transcript posts the graduation date as May or June.

Transfer Student: The following will classify a student as a transfer student.

1. A person who has enrolled at any college or university, after graduating from high school, whether or not any work was completed. (Except for students who classify as Beginning Freshman under number 2 and 3 under the Beginning Freshman section.)

2. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a transfer student if the high school transcript posts the graduation date as January.

Former Illinois State Student/Readmit: A person who wishes to return to Illinois State after one or more semesters away from campus.

Visiting Student/Unclassified Undergraduate: A person who does not have a bachelor degree and desires to take classes at the University without working toward a degree.

International Student: A person who is neither a United States citizen nor a United States permanent resident.

Undocumented Student: A person who lives in the United States with no documentation stating U.S. citizenship or legal residency.

The following sections outline the admissions guidelines for the admission categories previously listed. Please note that catalog year does not govern admission requirements to the University or to an individual's specific major. These requirements can change every year based upon the competitiveness of the applicant pool and the space availability at the University and in each major program. Only graduation requirements are governed by catalog year.

FRESHMAN ADMISSION

Illinois State considers the following when making an admission decision:

- Grade point average
 - ACT/SAT scores
 - High school transcript (including grade trends and rigor of courses completed)
 - Academic Personal Statement
- The academic personal statement should be approximately 500 words and needs to address the following:

- State why you feel Illinois State University is a good fit for your educational goals.
- Identify and explain your academic strengths and weaknesses.
- Explain any circumstances which affected your high school academic performance, if applicable.

Applicants must also show successful completion of the following:

- English – 4 years
- Mathematics – 3 years (algebra, geometry, algebra II)
- Natural science – 2 years with laboratories
- Social science – 2 years
- *Foreign language/Fine arts – 2 years of one foreign language or 2 years of fine arts
- Electives – 2 years

Deficiencies are not allowed in any subject area

***NOTE:** All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

General Equivalency Diploma in Lieu of High School Diploma

Applicants who use general equivalency diploma (GED) test results in lieu of a high school diploma are required to submit GED test results reflecting the standard of 410 on each of the five tests and an average battery score of 450. Applicants must also submit ACT or SAT results as well as an academic personal statement.

FINALIZING ADMISSION

- Admission decisions are conditional until high school graduation and academic preparation is verified on final transcripts. Admission may be revoked if satisfactory completion of minimum course specific requirements and graduation are not confirmed by the high school transcript.
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

TRANSFER ADMISSION

Illinois State considers the following when making admission decisions:

- Cumulative college grade point average and, for some academic programs, prerequisite college coursework (view the Transfer and Readmit Major Admission

Guide at www.admissions.ilstu.edu/transfer/requirements) for these requirements.

- Good academic standing from last school attended.
- If less than 24 college semester hours completed at the time of application, high school courses, high school grade point average, and ACT/SAT scores.
- Proof of high school graduation or a passing score on GED exam, if requested.
- Optional: an academic personal statement explaining circumstances that affected collegiate academic performance.
- Illinois State requires all students to have a declared major upon completion of 75 hours. Due to this policy, transfer students are encouraged to apply to a major program of study. Transfer students with a high amount of transfer credit will be carefully reviewed and evaluated on a case by case basis for admissibility to the University and to their intended major.

Illinois State generally uses all grades shown on all college transcripts to determine an admission grade point average. However, for repeated courses, only the last repeated grade will be used in calculating the grade point average for admission. Remedial (non-credit) course work is not used in calculating the admission GPA.

NOTE: An Associate in Arts or Associate in Science degree does not guarantee admission.

FINALIZING ADMISSION

- Admission decisions are conditional until final transcripts are received and satisfactory completion of courses is confirmed. Admission may be revoked if this information is not verified by the final official transcript(s).
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

Transferability of Course Credit

- After official transcripts from all previously attended universities are received and soon after admission to Illinois State, the Office of the University Registrar will send you a Statement of Transfer Credit indicating how each course transfers and how it has been used to fulfill Illinois State's curricular requirements. Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses; credit from four-year colleges and universities is limited to 90 semester hours. Additional credit for military service may be considered.
- Students who have completed an A.A. or A.S. from any regionally accredited post secondary institution or the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC) at an accredited, participating Illinois college or university, will be considered to have met the Illinois State University General Education

requirements. Students completing an A.A. or A.S. will also have junior class standing. Illinois State University accepts the AAT degree as a baccalaureate-oriented degree when the AAT degree includes the IAI transferable core. For more information regarding the IAI GECC visit www.iTransfer.org.

- Transfer students who transfer credit from participating Illinois colleges or universities that satisfies some but not all requirements of the IAI GECC may satisfy Illinois State General Education requirements by completing requirements for the IAI GECC at Illinois State or by completing the University's own General Education program. Other students must complete Illinois State's General Education program.
- Illinois State generally accepts transfer courses with earned grades of D. However, certain courses in some major programs may require a grade of C or better. When a student who pursues one of these majors transfers D grade course credit that is equated to an Illinois State course requiring a grade of C or better, the student will have to repeat the course to satisfy the major program requirements.

SECOND BACHELOR'S DEGREE

A student who has already received one bachelor's degree from Illinois State University, or from another regionally accredited college or university, may receive a second bachelor's degree at Illinois State University upon completion of degree requirements. Students must meet the admission requirements for the major selected and meet appropriate deadlines.

For the degree, all specified graduation requirements at the time of admission to the program for the second degree must be met, and the program of studies completed for the second degree must include at least 32 semester hours of course work taken after the granting of the first degree, of which 30 hours must be taken in residence at Illinois State. At least 24 of the 32 hours offered toward the second degree must be senior college-level courses numbered 200 and above.

PROGRAM SPECIFIC ADMISSION CRITERIA

Illinois State University regulates admission to designated programs when the number of students seeking admission exceeds the available educational resources of the department or school. Supplementary selection criteria for admission may need to be met for specific majors. These criteria may be based on scholastic achievement, prerequisite course work, and/or may consist of auditions, portfolios, work experience, etc. Selection criteria can be obtained from www.FindYourMajor.ilstu.edu, the Office of Admissions (for new students), or the intended major department or school advisor.

FORMER ILLINOIS STATE STUDENTS SEEKING READMISSION

Students who have been absent from the University for one or more semesters must apply for readmission. Early application is encouraged as it may not be possible to offer readmission for the term requested due to space limitations. Readmitted students should consult the section on Undergraduate Catalog Requirements to determine which catalog should be used to determine graduation requirements.

Illinois State considers the following when making decisions on readmission:

- Students must have left Illinois State University in good academic standing.
 - If coursework is completed since leaving Illinois State, a minimum 2.00 GPA is required for all college coursework completed and good academic standing must be shown from the last institution attended. Please note that many majors require higher GPA standards and prerequisite college coursework for admission. Visit www.Admissions.ilstu.edu/returning/ to view the Transfer and Readmit Major Admission Guide for these requirements.
 - If on probation or dismissed, students may be considered for reinstatement or for the New Start readmission program. Supplemental information may be requested to determine eligibility.
- Visit www.admissions.ilstu.edu/returning/ to learn more about these readmission options.
- If dismissed for disciplinary reasons, students should contact the Community Rights and Responsibilities Office for disciplinary clearance. Readmission cannot be considered until clearance is given.

New Start Policy: Students who leave Illinois State in a degree program with less than a 2.00 cumulative grade-point average (GPA) may be considered for readmission through the New Start Policy. Applicants admitted through this policy will begin with a new cumulative GPA calculated from the point of their reentry.

Students may be considered for readmission through the New Start Policy after being away from the University for one full year (Example: A student who last attended the University the Fall 2009 term cannot reenroll through the New Start Policy until the Spring 2011 term.) and only when the requirements of one of the following New Start categories are met: Nontraditional Student, Veteran, or Community College Transfer. These categories are described in detail in the Academic Policies and Practices section under the heading "Additional Academic Requirements" in this catalog and on the Admissions Website.

The application process includes the submission of the application for admission, official academic transcripts from all schools attended since leaving Illinois State, and a statement describing potential to do well academically as described in the application. In some cases, additional sup-

porting documents may be requested. Students are strongly encouraged to file an application as soon as possible during the preferred filing period for the term for which they are applying. Application deadlines are posted on the Admissions Website at IllinoisState.edu/admissions.

Students may exercise New Start only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who are admitted through the New Start Policy will be admitted on academic probation and be required to participate in Project Success. (See the Academic Policies and Practices section for further information). Students who reenter under the New Start Policy must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising New Start.

VISITING STUDENT/UNCLASSIFIED ADMISSION

Individuals desiring to take a class or classes at Illinois State as a visitor without working toward a specific degree at Illinois State may be admitted as unclassified students. Applicants may be required to provide evidence showing prerequisite background for the course(s) desired. Unclassified students must maintain the same standard of performance as degree-seeking students. Unclassified students who wish to become candidates for a degree at some later time must apply for admission as a degree seeking students and must meet published requirements for admission into the desired program. Students who hold a baccalaureate degree from a regionally accredited college or university are not eligible for the unclassified undergraduate status. They must apply as a graduate Student-at-Large.

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may be considered for admission as an Adult Learner. Admission as an Adult Learner is an unclassified/non-degree seeking student status. Freshmen may be admitted without presenting ACT or SAT scores and without proof of high school diploma and/or GED. Transfer students may be admitted without submitting transcripts from schools previously attended if they have not been in attendance at a college or university two years prior to the semester for which they have applied. If attendance has been within two years, students must submit transcripts indicating a cumulative grade point average of 2.00 on a 4.00 scale and be in good standing at the last school attended. Adult Learners who, at some later time, wish to become candidates for a degree must complete a minimum of 12 semester hours at Illinois State, apply for admission as a degree seeking student, and meet university admission requirements for the desired program.

INTERNATIONAL STUDENT ADMISSION

Application Deadlines: Filing deadlines for international student applications are March 1 for the summer or fall semester, and September 1 for the spring semester.

Materials and Procedures: In addition to the completed application for admission, the following materials are required:

1. Official academic records verified with seals and signatures sent directly from the school or examinations council.
2. Official Test of English as a Foreign Language (TOEFL) score report sent directly from Educational Testing Service in Princeton, New Jersey or official test score of the International English Language Testing System (IELTS) sent directly from the testing center that administered the test. Applicants whose native language is English are exempted from the requirement.
3. Declaration of finances showing source of support and official documentation of funds available for the first year's expenses is required for all students seeking F-1 status.

Upon receipt of all necessary materials, the Office of Admissions will review the application file for an admission decision. Students who are admitted will be sent a Certificate of Eligibility for Non-immigrant (F-1) Student Status with the notification of acceptance.

During orientation week, new international students' written communication skills will be evaluated. The University will administer a test for placement in English 101, Composition as Critical Inquiry, a course required of all Illinois State students. Testing for other skills may be administered to determine placement in a sequence or course of the student's choice.

Freshman Eligibility: International students who meet all of the following criteria are eligible to apply as an undergraduate freshman student:

1. Earned the equivalent of a U.S. high school diploma from a recognized international institution of secondary or high school level, or will do so within one academic year of application.
2. Shown academic achievement equal to a U.S. grade point average of C or better (2.00 on a 4.00 scale) in courses that reflect proficiencies in basic skill areas.
3. Earned a total score of 79 on the internet based test (iBT), 550 on the pencil/paper test or 213 on the computer based Test of English as a Foreign Language (TOEFL), or earned a total score of 6.5 on the International English Language Testing (IELTS) assessment. International students may substitute ACT or SAT scores as described for United States applicants.
4. International applicants who meet all other academic criteria for admission but whose scores do not meet

the minimum standards in item 3 above may be admitted to a degree program. In such cases, students will be required to attend courses at the English Language Institute (ELI) at their own expense and remain in the program until their English proficiency improves to the level required for University enrollment.

Transfer Eligibility: International students who meet all of the following criteria are eligible to apply as undergraduate transfer students:

1. Earned credit at an accredited international or U.S. institution of higher education or will do so within one year of application.
2. Shown academic achievement equal to U.S. grade point average of C or better (2.00 on a 4.00 scale). NOTE: Some departments have higher than the minimum standard for transfer admission. Refer to www.admissions.ilstu.edu/transfer/requirements for a link to the Transfer Admission Guide.
3. Earned a total score of 79 on the internet based test (iBT), 550 on the pencil/paper test or 213 on the computer based Test Of English as a Foreign Language (TOEFL), or earned a total score of 6.5 on the International English Language Testing (IELTS) assessment. This requirement is waived for students who acquire 60 semester hours while attending a college or university located in the U.S. if the student has resided in the U.S. for at least one year at the time of admission.
4. International applicants who meet all other academic criteria for admission but whose scores do not meet the minimum standards in item 3 above may be admitted to a degree program. In such cases, students will be required to attend courses at the English Language Institute (ELI) at their own expense and remain in the program until their English proficiency improves to the level required for University enrollment.

SPECIAL ADMISSION PROGRAMS

The University may admit a limited number of applicants with special characteristics and abilities who show the potential for success in collegiate work but who do not meet all the regular admission standards. The special admissions programs are as follows:

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may be considered for admission as an Adult Learner. See the Unclassified area of the Admission Policies section.

Dual Enrollment Program: Offers qualified high school students an opportunity to take college-level classes. Dual Enrollment students are evaluated on a case-by-case basis. If admitted, they are given unclassified student status. They cannot be full-time students while still in high school and must take classes offered on campus.

Talent Program: Applicants who demonstrate an outstanding talent in art, music, theatre, or athletics.

Veterans' Program: Applicants who were Illinois residents at the time of entrance into the Armed Forces, who present a discharge for other than dishonorable reasons showing completion of at least a one-year active tour of duty in the Armed Forces, and whose first attendance at a college or university after discharge is at Illinois State can be considered for admission through this program.

Inquiries regarding these programs should be directed to the Office of Admissions, 201 Hovey Hall, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, (800) 366-2478 or admissions@ilstu.edu and should specify the particular program of interest.

IMMUNIZATION AND MEDICAL REQUIREMENTS FOR ALL STUDENTS

All students admitted to Illinois State University are required, by Public Act 85-1315 to provide proof of immunity for tetanus, diphtheria, measles, mumps, and rubella. Documentation of immunity must be complete and on file in the Student Health Services by the 15th calendar day of the entering semester (8th day summer). Proof of immunity must include a tetanus/diphtheria booster within 10 years of attendance at Illinois State; two measles immunizations, both after one year of age and after December 31, 1968; one mumps immunization after one year of age and after December 31, 1967; one rubella immunization after one year of age and after December 31, 1968. All immunization dates must be signed/certified by a physician or public health official.

Please note that a physical examination is not required. International students are required by University regulations to have TB screening within 10 days of their arrival on campus. The Student Health Service strongly recommends that all students have immunization against Hepatitis B (a series of three injections), immunization against bacterial meningitis, and a second immunization against mumps.

Information and further instructions for meeting the stated requirements will be provided via future communication from Student Health Services for all incoming students. Student Health Services recommends completion of the immunization information as soon as possible. Students not in compliance with the immunization requirements by the deadline will have subsequent semester registrations blocked and be assessed an administrative non-compliance fee.

Further information can be obtained by calling the Student Health Services Health Information Management department at (309) 438-7559 or by visiting the Website at www.shs.ilstu.edu.

Financial Aid

Between 70 and 75 percent of all students who attend the University receive some sort of financial aid in the form of loans, scholarships, tuition waivers, grants and employment. In addition to funds received through gift aid and loans, many Illinois State students seek employment to help cover expenses.

Students interested in applying for financial assistance may contact the Financial Aid Office, which annually administers and coordinates more than 135 million dollars provided to students.

FINANCIAL AID OFFICE

231 Fell Hall, (309) 438-2231
IllinoisState.edu/financialaid

All students are encouraged to apply for financial aid by completing the Free Application for Federal Student Aid (FAFSA). This application determines eligibility for state, federal and institutional financial aid, including student loans.

General Information

Financial aid counselors are available Monday through Friday from 8 a.m. to 4:30 p.m. for telephone and walk-in service when the University is open. In addition, you may access information on the Financial Aid Office Website at www.IllinoisState.edu/financialaid. Information on the Website includes:

- Office hours, phone number and location; information concerning the application process, cost of attendance and aid programs available to students;
- FAFSA on the Web, which allows you to file the Free Application for Federal Student Aid electronically;
- Financial Aid forms and worksheets available to download;
- Scholarship searches;
- Important dates for your calendar;
- A link to Illinois State's *iCampus* portal so that you can check the status and progress of your aid application. *iCampus* also allows you to register for classes, confirm attendance, view grades, schedule, textbooks, email, Redbird card balance and more through a Web browser from anywhere in the world. In addition, you can verify and/or update your address information on file with the Office of the University Registrar;
- Entrance and Exit Loan Counseling;
- The Student Guide - financial aid information from the U. S. Department of Education;
- Commonly asked questions and answers.

Using email at FinancialAid@IllinoisState.edu is another way to contact the Financial Aid office. You will receive a response within two business days.

Institutional and Financial Assistance Information for Students

The law (the Higher Education Act of 1965, as amended, and regulation 34 CFR 668) requires Illinois State University to notify enrolled students and the parents of dependent enrolled students annually of the availability of the following information:

- your rights under the Family Education Rights and Privacy Act;
- your right to a deferment of repayment of your Federal Direct Loan for Peace Corps or volunteer service;
- financial aid available at Illinois State University;
- information about Illinois State University;
- the graduation rate of degree-seeking, full-time undergraduate students at Illinois State University;
- an annual campus security report; and,
- a report on athletic program participation and financial support data.

General Eligibility Criteria

To qualify for federal or state financial aid programs, you must:

1. be a United States citizen or have resident alien status;
2. complete and submit the Free Application for Federal Student Aid (FAFSA) to the federal processor either on paper or on line;
3. be enrolled for a minimum of 6 hours (half-time status) per semester (Students not pursuing a degree or unclassified students are not eligible for financial aid, including loans.); not be in default on a Perkins Loan or any federally guaranteed loan;
4. not owe a repayment to a federal grant program;
5. make satisfactory progress toward a degree as defined by Illinois State University (See Satisfactory Academic Progress); and
6. be registered with Selective Service, if you are a male at least 18 years of age, born after 1959, and not currently an active member of the U.S. Armed Forces.

NOTE: A student may not receive federal or state financial aid from more than one institution at the same time.

APPLICATION PROCEDURES

To be considered for financial aid at Illinois State University, you must complete and submit the Free Application for Federal Student Aid (FAFSA), or the Renewal FAFSA, based on the following time table:

In November - Renewal aid applicants will be sent an email notification for FAFSA on the Web if they provided a valid email address on the current year's FAFSA.

In January or February - Complete the FAFSA on the Web at www.fafsa.ed.gov using your PIN. If you do not already have a PIN, you can apply for one by going to the Website www.pin.ed.gov.

The priority FAFSA filing date for Illinois State University is **March 1, each year**. The federal processor must receive your application by this date to insure your application receives full consideration for all financial aid programs. If your FAFSA is received after March 1, you will be considered for financial aid programs for which you are eligible and that have remaining funds.

If you or your parents (if you are a dependent student) have not completed your federal tax return by March 1, you can still apply on time by indicating on the FAFSA that you will file but have not yet completed your tax return.

In **March or April** - After you receive your Student Aid Report, you must review it for accuracy. You can then make any necessary corrections based on your and/or your parents' tax return information.

The income and asset information provided on the FAFSA determines your financial aid eligibility. Be sure to use Illinois State's Title IV school code: 001692. There is no separate institutional application for financial aid at Illinois State. You will need to submit an additional application for summer aid (see Financial Aid for Summer Session).

Financial Aid for the Summer Session: If you are enrolled for at least six hours of coursework, you may apply for financial aid. The application form for the Summer Session will be available at the Financial Aid Office, 231 Fell Hall, and in the Forms and Publications section of the IllinoisState.edu/financialaid Website in early March.

Data from your FAFSA will be used to determine your eligibility for aid for the summer session. Aid funds for the summer session are very limited. Direct Loan funds are available only if you have remaining loan eligibility for your class level.

Institutional Quality Assurance Program (IQAP): Illinois State University is a participant in the U.S. Department of Education's Institutional Quality Assurance Program. It is important that you keep copies of federal tax returns and W2s, including those of your parents if you apply as a dependent student, because Department of Education regulations require the Financial Aid Office to verify the accuracy of financial data for selected aid applicants. If your application is selected for review under this program, you will be notified in writing and asked to provide the above documents. It is important that you respond within the specified time frame. Otherwise, processing of your financial aid, including loans, may be delayed.

FEDERAL GRANTS AND BENEFITS

Federal grants and benefits are considered "gift aid," and do not need to be repaid. Grants commonly received by Illinois State students are:

Federal Pell Grant: Eligibility is determined by the information provided on your FAFSA and is based on the calculated Expected Family Contribution (EFC) on your Student Aid Report.

Federal Supplemental Educational Opportunity Grant (FSEOG): This grant is awarded to students with exceptional financial need. At Illinois State, the award is \$1,000 per academic year. You must be enrolled for a minimum of six hours per semester to receive this grant.

Survivors' and Dependents' Educational Assistance Program: Survivors (spouse and/or children) of veterans, whose deaths or permanent, total disabilities occurred during service, may be eligible for benefits if the veteran served since the Spanish-American War. Children of veterans missing-in-action or prisoners of war for more than 90 days are also eligible for this benefit. For details, contact the Illinois State University Office of Veterans Services, 112 Moulton Hall.

Veterans' G.I. Bill: Students who have served in the U.S. Armed Forces should contact the Illinois State University Office of Veterans Services, 112 Moulton Hall, for additional details.

The Academic Competitiveness Grant: The Academic Competitiveness Grant is for freshmen and sophomore students. This grant is in addition to the Pell Grant award, and provides up to \$750 for the first year of undergraduate study and up to \$1,300 for the second year of undergraduate study. Recipients must be full-time students, U.S. citizens, eligible for a Federal Pell Grant, and have successfully completed a rigorous high school program (as determined by the state or local education agency and recognized by the Secretary of Education). Second year students must also have a cumulative grade point average (GPA) of at least 3.00.

The National Science and Mathematics Access to Retain Talent Grant (National SMART Grant): The National Science and Mathematics Access to Retain Talent Grant, also known as the National SMART Grant, is available during the junior and senior years of undergraduate study. This grant is in addition to the student's Pell Grant award, and will provide up to \$4,000 per year, for a maximum of two years. Recipients must be full-time students, U.S. citizens, eligible for the Federal Pell Grant, and maintaining at least a 3.00 GPA in one of the following majors at Illinois State University: Biochemistry-Molecular Biology, Biological Sciences, Chemistry, Computer Science, Geology, Industrial Technology, Information Systems, Mathematics, Physics, Telecommunications. Students must also have maintained a cumulative grade point average (GPA) of at least 3.00 in coursework required for the major.

ILLINOIS STATE UNIVERSITY GRANTS

Student-to-Student Grant: All Illinois residents who meet the March 1 preferential filing date for the FAFSA and who are ISAC MAP Grant eligible (see the following section) are automatically considered for this program as part of the application process. The maximum STS grant is \$500 and the combination of STS and the Federal Supplemental Educational Opportunity Grant cannot exceed \$1,000.

MAP Supplemental Grant: All Illinois residents who are ISAC MAP Grant eligible (see the following section) are automatically considered for this program as part of the application process. The maximum supplemental grant is the difference between the maximum MAP grant and tuition and fees for 15 credit hours.

STATE SCHOLARSHIPS AND GRANTS

Department of Rehabilitation Services: Public Law 113 mandates federal and state governments to provide rehabilitation services to anyone with a disability the opportunity to pursue post-secondary education. This grant is applied to tuition, fees, and/or maintenance costs. For more information or assistance in the application process, Illinois State students with a disability should contact the Department of Rehabilitation Services; 207 S. Prospect Road, Bloomington, IL, (309) 662-1347.

You and/or your parents must meet residency requirements based on regulations from the **Illinois Student Assistance Commission (ISAC)** to be eligible for the following programs.

Monetary Award Program (ISAC MAP Grant): If you are enrolled for at least six hours of coursework, meet residency requirements, and have eligibility for this award based on your Expected Family Contribution, this grant will be applied directly to your tuition and fees charges.

Illinois Incentive for Access (IIA) Grant: You are eligible for this \$500 grant if you are classified as a freshman, a resident of Illinois, and your Expected Family Contribution (EPC) based on FAFSA data is zero (0). This grant is for one academic year and can be used for any educational expense.

State of Illinois ROTC Scholarship: You may apply for this scholarship through the Military Science Department if you are a full-time student enrolled in a Military Science course. This competitive award will credit all tuition charges as well as the general activity fee. You would be responsible for the remainder of your fee charges. You would be able to retain this scholarship for up to eight semesters as long as criteria are met. Freshmen and sophomores may use this scholarship without incurring a military service obligation.

General Assembly Scholarships: You should contact your State Senator or State Representative to be considered for this scholarship. Your tuition and general activity fees are credited by this scholarship. Typically, this scholarship is for one academic year.

University Employee Dependent Partial Tuition Waiver: If you are under the age of 25 and your parent is employed at Illinois State, Northern Illinois, Chicago State, Eastern Illinois, Governors State, Western Illinois, or Northeastern Illinois University, or campuses of the University of Illinois, or Southern Illinois University, you may be eligible for this tuition waiver. Your parent

should contact the Human Resources Office at the university where he or she is employed for the application and specific employment requirements.

Consult the **Illinois Student Assistance Commission Website**, www.collegezone.com, or call 1-800-899-ISAC to obtain additional information about the following scholarships, including how to apply and application deadlines.

Illinois National Guard Grant: If you are an active member of the Illinois National Guard (Army or Air) you may have eligibility for this grant. In order to receive this grant, you must be enrolled at an ISAC-approved Illinois public community college or a four-year college or university; be registered for Selective Service (if you are male); not be in default of any student loan nor owe a repayment of any state or federal grant; and maintain an acceptable grade point average (GPA) determined by the institution.

You must be enrolled for at least one hour of coursework and apply annually to the Illinois Student Assistance Commission, meeting the stated application deadline. If you are eligible, this grant will be applied to your tuition and partial fee charges. Applications may be obtained from the Illinois Student Assistance Commission Website at www.collegezone.com or by calling 1-800-899-ISAC.

Illinois Veteran Grant (IVG): If you served in the Armed Forces for at least one year and received an honorable discharge, you may qualify for the Illinois Veteran Grant. In addition to residing in Illinois for at least six months before entering the service, you must return to Illinois within six months after your discharge.

You may obtain your one-time application from the Illinois Student Assistance Commission (ISAC) Website, www.collegezone.com or by calling 1-800-899-ISAC. You must meet the application deadline and provide a copy of your DD 214 with your application to ISAC. In addition, you must submit a copy of your DD 214 to both the Financial Aid Office and the Office of Veterans Services at Illinois State.

When your application is approved by ISAC, you will be sent a Notice of Eligibility letter. The original letter must be submitted to the Scholarship Resource Office. Your IVG will credit your tuition charges as well as partial fee charges.

Merit Recognition Scholarship (MRS): If you are in the top 2.5% of your Illinois high school senior class, a U.S. citizen or eligible non-citizen and a resident of Illinois, you will be nominated by your high school to ISAC, which will send you an application. Be sure you follow the directions and meet the application deadline. In order to receive this scholarship, you must attend an ISAC-approved post-secondary institution in Illinois or one of the U. S. Military Academies. This scholarship is subject to funding by the Illinois General Assembly and has not been funded since the 2004-2005 academic year.

Illinois Special Education Teacher Tuition Waiver (SETTW): To be eligible for the SETTW, you must be a U.S. citizen or an eligible non-citizen residing in Illinois who is ranked in the upper half of your Illinois high school graduating class, and meet the application deadline. In addition, you must be enrolled in a special education program at one of the twelve public four-year post-secondary institutions in Illinois after taking the ACT or SAT college admissions exam. Recipients must begin teaching, on a full-time basis in the field of Special Education, within one year following graduation from or termination of enrollment in a teacher education program, at an Illinois non-profit public, private, or parochial preschool, elementary or secondary school and continue teaching for at least two of the five years immediately following.

Illinois Future Teacher Corps (IFTC) Program: To be eligible you must be a U.S. citizen or an eligible non-citizen, a resident of Illinois, a high school graduate or hold a GED, and you cannot be in default on any student loan or owe a refund on any state or federal grant. In addition, you must be enrolled at least half-time at the junior level or above and be pursuing a postsecondary course of study leading to initial certification in a teaching discipline or a teacher shortage discipline or pursuing additional course work needed to gain Illinois State Board of Education approval to teach in an approved specialized area in which a teacher shortage exists. **The shortage areas are determined each year by the state and are subject to change each year.** You must also file the Free Application for Federal Student Aid to be considered for this scholarship. Recipients must teach, on a full-time basis, for five years according to the commitment/agreement that was signed prior to receiving the program benefits, e.g., if the recipient made a commitment to teach in a teacher shortage discipline and/or at a hard to staff school, the five years of teaching must be fulfilled accordingly. The teaching must be fulfilled at an Illinois public, private or parochial preschool or an Illinois public elementary or secondary school. This is a five year commitment no matter the amount of the scholarship received.

Minority Teachers of Illinois Scholarship: To be eligible you must be a minority student, a U.S. citizen or permanent resident of the United States, a resident of Illinois, a high school graduate or hold a GED, and you cannot be in default on any student loan nor owe a refund on any state or federal grant. In addition, you must be enrolled or accepted for enrollment on at least a half-time basis as an undergraduate or graduate student and be enrolled or accepted for enrollment in a course of study which, upon completion, qualifies the student to be certified as a preschool, elementary or secondary school teacher by the Illinois State Board of Education. The student must maintain a cumulative grade point average of no less than 2.50 on a 4.00 scale, and maintain satisfactory progress as determined by the institution. Recipients must teach, on a full-time basis, for one year at a nonprofit Illinois preschool, elementary, or secondary school for each year of assistance received.

PRIVATE SCHOLARSHIPS

Many students utilize private scholarships to supplement their financial aid award package. You may also contact clubs, foundations, organizations, corporations and churches from your hometown for scholarships. The scholarship donor determines the eligibility criteria. You are encouraged to use the Illinois State University Scholarship page on the Financial Aid Office home page at IllinoisState.edu/financialaid or the Illinois Student Assistance Commission's CollegeZone.com. Avoid search services or "consultants" who charge a significant fee and/or promise positive results.

ILLINOIS STATE UNIVERSITY MERIT-BASED SCHOLARSHIPS

Varieties of merit-based scholarships are awarded to new beginning freshmen and transfer students. In order to be considered for a merit-based scholarship as a new student, applicants must be admitted to the University and submit the appropriate scholarship documentation by the scholarship deadline.

For more information about merit-based scholarships for new students and for a scholarship application, please contact the Office of Admissions by telephone at (800) 366-2478 or visit the Office of Admissions Website at IllinoisState.edu/admissions. In addition, the Scholarship Resource Office, housed within the Financial Aid Office, will assist students in their search for private or institutional scholarship dollars. Contact the Scholarship Resource Office by telephone at (309) 438-2740.

Presidential Scholarships: Presidential Scholarships are our most prestigious scholarships for incoming freshmen. Recipients of these scholarships are chosen on the basis of academic accomplishments, scores on college admissions tests (ACT/SAT), demonstrated leadership qualities, evidence of commitment to service, as well as an on-campus interview. Presidential Scholars receive an annual \$8,000 award, renewable for up to eight semesters, contingent on the student's continued attainment of a 3.30 cumulative grade point average (GPA) and satisfactory progress in the Presidential Scholars Program. Finalists in National Merit and National Achievement Program competitions who enroll as Presidential Scholars and who list Illinois State as their first-choice school receive an additional \$2,000 for the freshman year. The application for admission to the University, submitted during the preferred filing period, will determine eligibility to apply for the Presidential Scholarship. Qualified applicants will be sent an invitation to apply for the scholarship on a rolling basis beginning mid October. Recent Presidential Scholars have an average grade point average of 4.30 on a 4.00 scale, have ACT composite scores in the lower 30s and higher, and demonstrate other meritorious traits as evidenced by their overall high school records. For more information, contact the Office of Admissions at (800) 366-2478 or visit the Office of Admissions Website at IllinoisState.edu/admissions.

Deans' Scholarships: The Deans' Scholarship is a one-year monetary award of \$1,000 for new beginning freshmen. The scholarship is based on academic accomplishments and potential for outstanding achievement at the University. Candidates for Deans' Scholarships are identified from the Presidential Scholarship applicant pool and are selected by the Dean of the College from which the scholarship is offered.

University Scholarship: University Scholarships are awarded to academically talented new beginning freshmen from traditionally underrepresented groups or first-generation college students facing the tough challenges of acquiring a college education. Recipients of these scholarships are chosen on the basis of academic accomplishments, scores on college admissions tests (ACT/SAT), demonstrated leadership qualities, evidence of commitment to service, as well as an on-campus interview. The application for admission, submitted during the preferred filing period, will determine eligibility to apply for the University Scholarships. Qualified students will be sent an invitation to apply for the scholarship on a rolling basis beginning mid October. Recent University Scholars have earned a grade point average of 3.75 on a 4.00 scale and have ACT scores of 25 and higher. Award winners receive a \$5,000 annual award, renewable for up to eight semesters, contingent upon the student's satisfactory progress in the University Scholars program. For more information, contact the Office of Admissions at (800) 366-2478 or visit the Office of Admissions Website at IllinoisState.edu/admissions.

Trustees' Tuition Waivers: Undergraduate tuition waivers are used to recruit talented students to the University in these specific areas: the Honors Program, Art, Communication/Forensics, Intercollegiate Athletics, International Studies, Music, and Theatre. Additional information regarding these waivers are available through the department from which the waivers are offered.

Academic Scholarship Programs: Some academic departments offer scholarships to continuing students based on academic accomplishments. Your major or minor is used for eligibility. You can explore the availability of these scholarships by visiting the Financial Aid Office Website at www.financialaid.ilstu.edu/scholarships/.

Community College Transfer Scholarships: Scholarships are available for academically talented, first-time community college transfer students at Illinois State. In order to be considered for the scholarship, students must have earned a minimum 3.50 cumulative grade point average at the time of application. In addition, students must complete an Associate in Arts or Associate in Science degree prior to enrolling at the University. The awards are valued at \$750 per semester for two academic years. One award is designated for a member of Phi Theta Kappa, the academic honor society of community colleges. Applications are mailed in March to qualified admitted students enrolling for

summer or fall terms and those attending the spring term. Recent award winners have an average community college grade point average of a 4.00 on a 4.00 scale. For more information, contact the Office of Admissions at (800) 366-2478 or visit the Office of Admissions Website at IllinoisState.edu/admissions.

LOANS

Federal Direct Student Loan Program: You must complete the Free Application for Federal Student Aid (FAFSA) to receive a loan. The Financial Aid Office will determine your eligibility for all other aid programs prior to processing your loan. Because Illinois State is a participant in the Federal Direct Loan program, a loan application from a bank or other lender is not required.

There are two kinds of direct loans: subsidized and unsubsidized. If you are eligible for the subsidized loan based on financial need, the interest on the loan is paid for you as long as you are enrolled half-time (a minimum of 6 hours per semester). The unsubsidized loan is not based on financial need and requires that you make quarterly interest payments on the loan while you are enrolled. If you choose to defer payments while you are in school, the interest will be added to the principal of your loan (capitalized).

After your loan is processed, you will receive an award letter and information on completing an electronic Master Promissory Note (EMPN), if you have not already done so. Read the information carefully. Before loan proceeds will be credited to your account, the EMPN and loan counseling (see below) must be completed.

Because of its participation in the Direct Loan program, Illinois State receives loan proceeds directly from the U.S. Department of Education. Your loan proceeds will be applied to your university charges.

Loan Counseling: Students who are first-time Direct Loan borrowers are required to attend Federal Direct Loan entrance loan counseling before loan proceeds are credited to the student's account. You may meet this requirement by completing loan entrance counseling on the Web at IllinoisState.edu/financialaid.

If you attended entrance counseling at another school, you must sign a statement verifying that you previously met the requirement. The purpose of entrance counseling is to inform you of your responsibilities and rights as a borrower.

Exit Information: Before you graduate, or if your enrollment status drops below 6 hours per semester, you will be sent information concerning Direct Loan exit counseling, which outlines loan repayment, consolidation, and deferment options. You may also get this information from the Exit Counseling link from the Financial Aid Office Website, IllinoisState.edu/financialaid. Repayment of your Direct Loan begins six months after you leave the University or drop below half-time status.

Federal Perkins Loan: The Federal Perkins Loan program is for students enrolled at least half-time in a degree program and gives priority to those students with exceptional financial need. For new borrowers after July 1, 1987, repayment and interest begins nine months after the student graduates, leaves school, or drops below half-time. The cumulative loan limit is \$20,000 for undergraduates and \$30,000 for graduate students. The interest rate is five percent. These funds are awarded on a first-come basis to qualified applicants.

Nursing Student Loan: Students enrolled at least half-time in the Nursing Program and who demonstrate need by filling the FAFSA are eligible for a Nursing Student Loan. The cumulative loan limit is \$13,000 and repayment begins 9 months after the student ceases to be enrolled at least half-time. Interest during repayment includes 5 percent interest and the maximum repayment period is 10 years.

Federal Direct PLUS Loan: Parents of dependent students may apply for the Parent Loan for Undergraduate Students (PLUS); application forms are available upon request from the Financial Aid Office. You may also print an application from IllinoisState.edu/financialaid. A parent may borrow up to the cost of attendance less any other financial aid the student is receiving. In order to determine eligibility, parents must file the Free Application for Federal Student Aid (FAFSA).

Before PLUS loan proceeds will be credited to the student's account, the parent completing the PLUS application must also complete a Master Promissory Note and undergo a successful credit check by the Department of Education. An electronic version of the promissory note is available at IllinoisState.edu/financialaid.

"Alternative" Loans: Alternative or private loans are for students and parents who are not eligible for the federal programs of financial aid, or who need additional funds to meet educational expenses. In order to determine eligibility, students/parents must file the Free Application for Federal Student Aid (FAFSA). If you have any questions about your eligibility for financial aid to attend Illinois State, contact your financial aid counselor.

FINANCIAL AID DISBURSEMENT

If the amount of financial aid exceeds charges, you will receive a refund of the balance. Refund checks are mailed from the Student Accounts Office throughout the academic year for aid in excess of amounts owed the University. You should be prepared to buy books and have "start up" funds for the beginning of the semester.

It is important to keep your local and permanent address information current with the Office of the University Registrar. University offices use this information to contact you (i.e., the Student Accounts Office will use your local address to send a refund check to you). If there is no local address on file with the Registrar, correspondence will be sent to your permanent home address.

You may update your address in person at the Office of the University Registrar Service Center, Office of the University Registrar, 107 Moulton Hall, or by accessing the iCampus Portal at IllinoisState.edu/icampus.

SATISFACTORY ACADEMIC PROGRESS

All students who receive federal and state financial aid must meet federal and institutional standards for academic progress in order to establish and retain aid eligibility. Students receiving athletic or other university administered awards must also meet the satisfactory academic progress standards that have been established by the awarding entity.

Satisfactory academic progress for federal and state financial aid programs is based on three measures: cumulative grade-point average, completion rate based on credit hours completed compared to credit hours attempted, and a maximum time frame for degree completion. The following describes the university's standards for each of these three measures, and when they are reviewed:

Cumulative Grade Point Average: Undergraduate students must maintain a minimum cumulative grade point average (GPA) of 2.00 based on credits earned at Illinois State University. The first time a student's GPA is below 2.00, the student is placed on Academic Probation and continues to be eligible to receive financial aid. If the student does not raise the GPA to 2.00 in the following semester of attendance, or the GPA falls below 2.00 in a subsequent semester, the student is Academically Dismissed and loses financial aid eligibility (see Academic Policies and Practices).

Completion Rate: All students are required to complete a minimum of 67 percent of the credit hours attempted at Illinois State University. Courses with a grade of D or higher, as well as "CR" or "CT", count as completed. Credit hours attempted includes audits, incompletes, withdrawals, and repeated or failed classes. A student who does not complete a minimum of 67 percent of credit hours attempted will be suspended from financial aid eligibility until his or her completion rate improves to at least 67 percent.

Maximum Time Frame: The maximum time frame for the completion of a degree is limited by federal regulations to 150 percent of the published length of the degree program. This is equivalent to a maximum number of credit hours that includes transfer credits and all attempted credits at Illinois State University. Credit hours attempted include audits, incompletes, withdrawals, and repeated or failed classes. The maximum number of credit hours for which a student is eligible to receive financial aid is 180. The University also requires that all students have a declared major upon completion of 75 hours of coursework, including transfer credits. At 75 hours earned, students without a declared major are not automatically eligible to continue their enrollment or receive financial aid.

Review of Progress Standards: Cumulative GPA is reviewed at the end of each semester—fall semester and spring semester—for both financial aid eligibility and for continued enrollment at Illinois State University.

Completion rate is reviewed upon submission of a financial aid application (the FAFSA), and at the end of each period of enrollment, including the summer session. The Financial Aid Office sends a “warning letter” to any aid recipient who has not completed 67 percent of hours attempted at the end of the summer session or fall semester. Aid eligibility is suspended at the end of the spring semester for any aid recipient who does not meet the 67 percent completion standard.

Maximum timeframe is reviewed upon submission of a financial aid application (the FAFSA), and at the end of each period of enrollment, including the summer session. The Financial Aid Office sends a “warning letter” to any aid recipient who is within 15 hours of reaching the maximum attempted hours for his or her degree program.

Notification/Appeals: If financial aid eligibility is suspended as a result of failure to meet the completion rate or maximum timeframe standard, the Financial Aid Office sends a letter to the student including a Satisfactory Academic Progress Appeal Form. The Satisfactory Academic Progress Appeal Form must include reasons for failure to achieve good academic standing and any applicable documentation. Appeal Forms must be submitted to the Financial Aid Office within 30 days of the date of the letter and are reviewed by The Satisfactory Academic Progress Committee. For the Completion Rate standard, students can also restore aid eligibility by earning enough additional hours to meet the 67 percent requirement.

If the student is not meeting the Cumulative Grade Point Average standard necessary for Financial Aid Satisfactory Academic Progress, the Office of Enrollment Management and Academic Services will communicate this information as part of a student's official notification of academic probation, dismissal or reinstatement. For more information about Financial Aid Satisfactory Academic Progress contact the Financial Aid Office.

ENROLLMENT CHANGES AND FINANCIAL AID ELIGIBILITY

Reduction in Hours: Reducing your credit hours has implications for both your aid eligibility for the current semester and future terms. Your aid eligibility is based on the number of credit hours for which you are enrolled on census day, usually the Friday of the second week of classes. If your aid was distributed based on full-time enrollment (12 credits undergraduate; 9 credits graduate) and you drop to part-time on or before census day, your aid may be reduced. If you drop after the day withdrawal grades are assigned, the withdrawal grades will reduce your percentage completion rate, which is part of the standards of Satisfactory Academic Progress for the receipt of financial

aid. These standards are posted on the financial aid Website: www.IllinoisState.edu/financialaid.

Withdrawal: Federal regulations state that financial aid is earned by attending class. You have not earned 100% of your financial aid until you have attended 60 percent of the term. If you withdraw before this date, a portion of your financial aid has not been earned. The unearned portion is equal to the percentage of the term remaining on the date of withdrawal. Your financial aid eligibility will be recalculated based on your actual period of attendance - **you may be asked to repay a portion of the aid that had been distributed to you.**

Failure to Earn Credit: If you fail to earn credit for any of your classes (receive grades of F, W, I and/or NC), federal regulations require the Financial Aid Office to assume you stopped attending your classes. In order to retain any of your financial aid, you must provide proof that you attended classes. If you did stop attending class, you are treated as an unofficial withdrawal. This means that the midpoint of the term is used as your last date of attendance and your aid eligibility is reduced by up to 50%. **This will result in you owing funds back to the university unless you can provide documentation of attendance past the 60% point of the term.**

CONFIDENTIALITY AND THE RELEASE OF INFORMATION

The Financial Aid Office will release information from your financial aid application file to parties within the University if their inquiry is related to your attendance at Illinois State. Inquiries from off-campus agencies and/or landlords will be answered by Financial Aid Office staff only if you have completed and signed a “Consent to Release Information” form from the Financial Aid Office. To protect the confidentiality of your records, the Financial Aid Office will require proper identification from the requesting party before releasing any of your information. Appropriate documentation of any release of information will be placed in your financial aid file.

STUDENT EMPLOYMENT

Students enrolled for six or more semester hours may work part-time at Illinois State University. Eligible student employees usually work 10 to 15 hours per week while classes are in session. Students working at Illinois State University earn a minimum of \$7.50 per hour. This pay range is subject to change by action of the federal government, the state, or the institution.

Federal Work-Study Program: This federally sponsored program enables students with demonstrated financial need to earn a portion of their expenses while they are enrolled at Illinois State. To be initially awarded Federal Work-Study the applicant must indicate an interest in “work-study” on the FAFSA and demonstrate need. The federal government pays 70 percent of a Work-Study student's earnings, while the employer pays the balance. A stu-

dent employed 10-15 hours per week can expect to earn between \$1,500 and \$2,000 a year. Work-Study students find work on-campus (food service, library, Bone Student Center, departmental offices) or in nonprofit, off-campus agencies (hospitals, youth centers, charitable agencies and libraries). Another Federal Work-Study program is the "America Reads" initiative in which students are employed as reading tutors in local elementary schools.

Students go directly to the employer for an interview and, if hired, must complete state and federal withholding tax forms in the Payroll Office, 101 Hovey Hall. The student is not permitted to earn more than the Work-Study eligibility determined by federal regulations.

Regular Student Employment: Those students who desire to work on or off campus may seek part-time employment with the University or off campus. These jobs generally pay the minimum wage. Hours vary, and may be less flexible than Federal Work-Study positions.

Finding a Job: Both Federal Work Study and regular student employment part-time job openings are accessible through student employment at IllinoisState.edu/jobs. The Financial Aid Office, located in Fell 238, can offer assistance with off-campus part-time job searches. Call (309) 438-2236 for an appointment with the coordinator of part-time employment.

Tuition and Fees

ESTIMATED TOTAL YEARLY EXPENSES

Tuition, fees, and on-campus housing charges are subject to change by action of the Board of Trustees. For the most up to date rates and information, please refer to our Website at: www.comptroller.ilstu.edu/studentaccounts.

UNDERGRADUATE TUITION AND FEES FOR NEW STUDENTS

Tuition and fees other than health insurance are assessed at per semester hour rates. Health insurance is assessed to all students enrolled in nine or more semester hours. Upon being first enrolled in a degree program at Illinois State University, tuition and general fee rates for undergraduate students will be locked for a four-year period. Certain degree programs qualify for the locked rate to be extended beyond the four-year period. For additional information, refer to the Student Accounts Web page at IllinoisState.edu/studentaccounts.

Audit Costs: Students taking only audit courses (courses without credit) are charged tuition rates the same as any other course.

Residents and Non-Residents: An applicant or enrolled student is classified either as a resident of Illinois, a non-resident, or a foreign student. Residency for tuition purposes

is different from residency for voting, taxing purposes, or residency requirements of on-campus doctoral programs.

A student must be a U.S. citizen or have been approved for U.S. Permanent Resident status in order to be considered as an Illinois resident. An individual's residency status is based on information from the admission application. A student who is not a resident of Illinois pays the non-resident tuition fee. All other fees are the same for non-residents. A student under 18 years of age is considered a non-resident if the student's parents are not legal residents of Illinois. A student over 18 years of age is considered a non-resident if the student is not a legal resident of Illinois. Personnel within the Office of the University Registrar are responsible for determining residency.

An individual will be considered an Illinois resident if all of the following conditions are met:

1. The individual resided with his or her parent or guardian while attending public or private high school in this State.
2. The individual graduated from a public or private high school or received the equivalent of a high school diploma in this State.
3. The individual attended school in this State for at least 3 years as of the date the individual graduated from high school or received the equivalent of a high school diploma.
4. The individual registers as an entering student in the University not earlier than the 2004 fall semester.
5. In the case of an individual who is not a citizen or a permanent resident of the United States, the individual provides the University with an affidavit stating that the individual will file an application to become a permanent resident of the United States at the earliest opportunity the individual is eligible to do so.

Tuition and fees are subject to change by action of the Board of Trustees and the General Assembly.

Reduction of Tuition and Fees Policy: A registered student who officially withdraws from the University may receive a reduction of tuition and fees, including any advance deposit according to the following schedule:

1. If withdrawal is prior to the first regularly scheduled class day, all tuition and fees are deleted.
2. If withdrawal is within the first 15 calendar days after the first regularly scheduled class day, all tuition and fees minus a service charge of \$30 are refunded.
3. If withdrawal is after the 15th calendar day but within the sixty percent point in time of the period of enrollment—a refund equal to the portion of the period of enrollment remaining, rounded downward to the nearest ten percent, less an administrative fee not to exceed the lesser of five percent of the initial tuition, fees, and other charges assessed the student or \$100.

4. If withdrawal is after the sixty percent point in time of the period of enrollment—no refund shall be made. The University may designate shorter refund periods for summer session, special courses, and short courses.

All notifications of withdrawal or cancellation and requests for refunds must be in writing and addressed to Office of the University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, or faxed to: (309) 438-3193.

A student who changes from full- to part-time status or a part-time student who reduces the number of credit hours carried may receive a reduction of tuition and fees according to the following schedule:

1. If the reduction is on or before the 15th calendar day after the first regularly scheduled class day, all tuition and fees not applicable to the new part-time status are reduced. A service charge is not applicable to a student who changes from full-time to part-time status.
2. If the reduction is after the 15th but no later than the 30th calendar day after the first regularly scheduled class day, 25 percent of the difference in tuition charge only is reduced.

A student may receive a refund of insurance fees if the student demonstrates equal or better insurance coverage and completes the written application on or before the 15th calendar day after the first regularly scheduled class day.

A student whose course of study requires absence from campus for the entire term shall, upon proper application, receive refunds of Activity, Health Service, and Athletic fees. The application for the refund must be made to the Office of University Registrar on or before the 15th calendar day after the first regularly scheduled class day.

Part or all of a student's tuition and fees may be refunded because of the student's death or disability, extreme hardship, or institutional error.

A student may receive a refund of tuition and fees if a scholarship is awarded that covers those fees. The application for refund must be made no later than 60 days after the close of the session.

A student may receive a refund of tuition and fees if the University declares him or her ineligible for enrolled status prior to the first day of regularly scheduled class.

The statement of the refund policy for University housing is a part of the housing contract. Information on the refund policy may be obtained from the Student Accounts Office.

Students or parents who believe that individual circumstances warrant exceptions from published policy may appeal to the Associate Vice President for Student Affairs by calling (309) 438-5451.

Housing Costs: For information, contact University Housing Services or visit www.housing.ilstu.edu

TRANSCRIPTS

Transcripts are issued only after all student financial obligations have been met. Students should make a written, signed request to Office of the University Registrar, Campus Box 2202, Normal, IL 61790-2202. A \$6.00 charge (fee subject to change) is made for each official transcript. Requests should include identification number, birthdate, and complete address, including zip code, to which the transcript is to be sent. When possible, transcript requests are processed within five working days.

MATERIALS CHARGES

A materials charge is an optional fee charged to a student for consumable materials used in a course. A student may supply his or her own material and submit a written request to the instructor to waive the charge. Courses with material charges are listed in the *Undergraduate Catalog* and *Graduate Catalog*.

MAKING THE TRANSITION

New Student Orientation

Passages—Fall Orientation: Passages is a university-wide orientation program offered to all students new to Illinois State University. The program introduces students to campus technology, Milner Library and other campus resources. It also provides many opportunities for educational, informational and social interaction in order to help new students in their transition to Illinois State. During the program, the students are introduced to the academic standards and expectations of excellence at Illinois State University. Students receive program information during the summer. Further information is available from the Dean of Students Office- Programming, Bone Student Center first floor, (309) 438-2836, and www.Passages.ilstu.edu.

Special arrangements: Arrangements can be made to assist participation in these programs by students with disabilities through Disability Concerns, 350 Fell Hall. Contact them by voice at (309) 438-5853 or TTY (309) 438-8620 regarding any special needs at least one week prior to arriving on campus for these program events.

UNIVERSITY COLLEGE

324 Fell Hall, Campus Box 4060
(309) 438-3217
IllinoisState.edu/ucollege

The mission of University College is to provide effective programs and services that assist students in making successful transitions into Illinois State University, achieving their educational goals, and realizing their academic potential in the first year and beyond. Programs and services offered or coordinated through University College include University College Academic Advisement, Developmental Mathematics, First Year Learning in Communities, Preview, Student Support Services/TRiO, Transfer Days, the Julia N. Visor Academic Center, University Studies Major, and University College Testing Services.

UNIVERSITY COLLEGE ACADEMIC ADVISEMENT

340 Fell Hall, Campus Box 4060
(309) 438-7604
www.ucollege.ilstu.edu/advising

Caring professionals and trained academic peer advisors in University College Academic Advisement help incoming students with educational planning, course selection and referral services. Professional and peer advisors help students explore academic majors and career options, and assist them in developing plans to meet their goals. Students can obtain information about academic require-

ments, assistance for declaring or changing a major, and help finding the resources they need to overcome academic difficulties. Students with 24 or fewer semester hours, and all Undeclared and Unclassified students, are served by University College Academic Advisement.

ORIENTATION AND TRANSITION SERVICES

Preview—Summer Orientation: During the two-day Preview program in the summer, new freshmen receive academic orientation, meet with academic advisors, and register for fall semester classes. There also are opportunities for new freshmen and their family members to discuss issues of campus life with faculty, staff, and current students. Freshmen admitted for fall semester receive registration materials for Preview in late spring. Further information is available in University College at Orientation and Transition Services, 329 Fell Hall, Campus Box 4060, (309) 438-8486 and IllinoisState.edu/preview.

Transfer Day Program: Newly admitted transfer students participate in a one-day Transfer Day Program to receive academic advisement, register for classes, and learn more about the University. Multiple Transfer Days are held each term—generally three days are scheduled in the fall for those admitted for the spring term and five days are scheduled in the spring for those admitted for the summer and/or fall terms. Students receive information about participating in the Transfer Day Program after they have been admitted. Students admitted after the Transfer Day Program are sent information regarding additional advisement and registration opportunities. Further information is available in University College Orientation and Transition Services, 331 Fell Hall, Campus Box 4060, (309) 438-3859 and www.ucollege.ilstu.edu/transfer_days.

For information on course transfer options, see the University-Wide Programs section of this catalog titled, "Transferring General Education Courses - Illinois Articulation Initiative." Information on transferability of courses can also be found at www.iTransfer.org.

FIRST YEAR LEARNING IN COMMUNITIES (LinC)

324 Fell Hall, Campus Box 4060
(309) 438-3217
www.ucollege.ilstu.edu/teaching/linc

LinC assists first year students in their initial transition to and retention within Illinois State University. This seminar, offered only during the first eight weeks of the fall semester, provides a small community structure that: promotes connections with peers, faculty, and staff; provides experiences to learn about resources of the University; and offers opportunities to become involved in university life.

VETERANS SERVICES

112 Moulton Hall, (309) 438-2207

Web address: www.registrar.ilstu.edu/veterans

This office assists student-veterans and certain dependents on matters relating to Department of Veterans Affairs educational benefits and payments, which include Montgomery GI Bill, Post 9/11 GI Bill, and Survivors' and Dependents' Educational Assistance Program. For more information, the student should contact the Office of Veterans Services. Public service hours are from 9 a.m. to 12 noon and from 1 p.m. to 4 p.m. Monday through Friday.

Housing and Dining Options

CAMPUS LIVING

University Housing Services

Office of Residential Life Building

www.Housing.ilstu.edu

(309) 438-8611; TTY (309) 438-8177

Students with disabilities are requested to contact the Director of Disability Concerns, 350 Fell Hall at (309) 438-5853—Voice, (309) 438-8620—TTY.

RESIDENCE HALLS

The University owns and operates 10 residence halls, providing living accommodations for approximately 6,500 students. These facilities include spaces accessible to students with disabilities. The residence halls have been designed to provide not only basic living requirements, but also counseling, advisement, educational, and cocurricular programs. The University regards residence hall living as an important part of university life and requires that certain students reside in the residence halls as a condition of enrollment.

Professional staff, aided by undergraduate Resident Assistants, is responsible for educational programs, policies, and facilities within the residence halls.

In the spring, residence hall information about the contract application process and the room selection process will be mailed to the students who have been admitted to the University for the following academic year. If all regular residence hall rooms become filled, new applicants may be offered accommodations in supplemental housing. (Supplemental housing rooms are like regular rooms in their furnishings but are used as study lounges when not being used for supplemental housing and may house up to six students.) Room and meal plan rates for supplemental housing are the same as for regular housing. Acceptance of a supplemental housing offer is optional, however all terms and conditions become enforceable upon receipt of the supplemental housing contract addendum by the University.

The room rate in the residence halls for the 2009-2010 academic year ranged from \$4,190 to \$7,164 for multiple

occupancy room. A limited number of single, super single, and suite rooms are available at an additional cost. Manchester Hall will remain open during all university breaks during the academic year. All students assigned to Manchester Hall are required to pay an additional mandatory, nonrefundable charge above and beyond the basic room rate. A deposit is required at the time a student completes his/her online application contract. The deposit covers a security deposit, which is retained until the final period of occupancy, a nonrefundable application fee, and a payment which is applied toward room charges. In 2009-2010, the deposit was \$300. Students may elect to pay each semester's room and meal plan charges in one lump sum or in installments. There is a \$30 refund for paying in one lump sum. Students are expected to furnish linens, towels, blankets, pillows, bedspreads, and waste baskets. **Rates for the 2010-2011 and 2011-2012 academic years were not available at the time this catalog was printed.** Visit www.Housing.ilstu.edu for additional information.

University On-Campus Housing Policy: Entering freshmen who have not previously attended this University must reside in university-operated residence halls for their first four semesters. Students transferring to this University as sophomores (as classified by the Office of Admissions) must reside in university-operated residence halls for their first two semesters. These policies are applicable to all students insofar as space is available in university residence halls. Residence hall living for two summer sessions is equivalent to one semester. Visit www.Housing.ilstu.edu for more complete information about the On-Campus Housing Policy.

The University may make exceptions for certain categories of students based upon guidelines related to marital status, proximity of home to campus, age, and other pertinent factors. The deadline for requesting an exemption to the requirement is July 15 immediately prior to the academic year. Consideration also will be given to applications for exemption received prior to July 15 from sophomore students who are members of fraternities or sororities who will be residing in their organization's official house. Those fraternities and sororities must be members of Interfraternity Council Panhellenic Association and National Panhellenic Council, Inc. and approved by the Dean of Students Office. Students who wish to appeal a decision concerning their petition for an exemption to the University On-Campus Housing Agreement, they may obtain information on the appeals procedure from University Housing Services, (309) 438-8611 or at www.Housing.ilstu.edu.

APARTMENT LIVING

Two university-owned apartment complexes provide residents with an environment conducive to both personal and academic growth. Qualifying upper-class students, students who are married or in domestic partnerships, students with dependents, and graduate students are eligible to reside in these units.

There are 292 unfurnished apartments in the two complexes, Cardinal Court and 300 Shelbourne Drive, offering residents a quiet environment, community atmosphere, excellent maintenance service, and spacious grounds. Rental rates for 2009-2010 ranged from \$400 to \$547 per month, including water service. All other utilities are paid by the resident. A security deposit is required and is held until after occupancy is terminated. In 2009-2010 the security deposit was \$250. For additional information and an application contact University Housing Services at (309) 438-8611 or visit www.Housing.ilstu.edu.

Off-Campus Housing: The University does not participate in housing contracts issued to students renting space in private housing and does not participate in the inspection of any off-campus housing. However, Off-Campus Services, a unit of the Dean of Students Office, provides Illinois State students with support and services to help enhance their off-campus living experience. You can learn more at www.DeanofStudents.ilstu.edu or by calling (309) 438-5951 (voice) or (309) 438-2762 (TTY)

CAMPUS DINING SERVICES

John Green Building
www.Dining.ilstu.edu
(309) 438-8351

Campus Dining Services is the exclusive food provider on campus. In addition to three residential dining centers, Campus Dining operates retail dining locations in Bone Student Center, cafes in the College of Business Building and Centennial, and a catering department.

All students living in the residence halls are required to purchase a meal plan each semester. Every meal plan includes Flex Dollars intended for use in the three residential dining centers; Watterson Commons adjacent to Watterson Towers, Marketplace at Linkins Center in Tri-Towers adjoining Haynie, Wilkins and Wright halls, and The Southside in Feeney adjoining Hamilton-Whitten and Atkin-Colby residence halls. Dining centers are open continuously throughout the day to allow for convenience and flexibility. Students may use Flex Dollars to purchase food in the Subway shops located on campus, in any of the retail shops at Bone Student Center, cafes in academic buildings, or items from the residence hall vending machines. The university ID (Redbird Card) is used to access the meal plan. Visit www.Dining.ilstu.edu for detailed information on meal plans, hours, and menus.

Students who have been admitted to the University will complete the online dining meal plan contract in the spring; meal plan information will be mailed early in the spring term, along with the housing packet. Meal plans for the 2009-2010 academic year ranged from \$3,662 to \$4,184. Students will pay their meal plan charges in the same way they selected to pay their housing charges (one lump sum or installments). Rates for the 2010-2011 and the 2011-2012 academic years were not available at the time this catalog was printed.

Any student with a special dietary need, including a food allergy, is encouraged to contact Campus Dining Services' registered dietitian to make arrangements for this accommodation. Requests may be directed to CampusDining@IllinoisState.edu.

Campus Services

CHILD CARE

124 Turner Hall, (309) 438-5026

Open to Illinois State University students and faculty/staff when space allows, Illinois State Child Care Center offers high quality, affordable child care services to children 3-9 years of age. It is open during the fall, spring, and summer semesters. Hours are 7:30 a.m. to 5:30 p.m. during the fall and spring; 7:30 a.m. to 5:00 p.m. during the summer. The center is licensed for 30 children at a time with care provided in 124 Turner Hall. Call (309) 438-5026 or email kstephen@ilstu.edu for an application or visit the Child Care Website at ChildCareCenter.IllinoisState.edu.

OFFICE OF PARKING AND TRANSPORTATION

709 N. Main Street
(309) 438-8391 or (309) 438-PARK
Website: www.parking.ilstu.edu
Email: parking@ilstu.edu

During the posted hours, all vehicles occupying University parking facilities, other than metered spaces (enforced 24 hours a day, seven days a week), must display a valid and appropriate parking permit obtained from the Office of Parking and Transportation. Office hours are 7:30 a.m. to 4:30 p.m., Monday through Friday. A valid Illinois State University I.D. is required to purchase a permit.

Additional information is available on the Parking and Transportation Website at: www.parking.ilstu.edu

DISABILITY CONCERNS

350 Fell Hall, (309) 438-5853—Voice
(309) 438-8620—TTY
www.DisabilityConcerns.ilstu.edu

Disability Concerns, a unit of the Division of Student Affairs, is the office that is designated to provide reasonable accommodation services for students and visitors with disabilities.

The mission of Disability Concerns is to ensure full and equal participation for persons with disabilities in the Illinois State University community through:

- empowering individuals,
- promoting equal access,
- encouraging self-advocacy,
- reducing attitudinal, physical and communications barriers, and
- providing appropriate accommodations.

Disability Concerns provides accommodation services that support people with disabilities in:

- the realization of academic goals,
- reaching professional goals, and
- becoming contributing members of society and lifelong learners.

To receive services from Disability Concerns, appropriate medical/psychoeducational documentation must be provided. Upon acceptance of the documentation by the Documentation Review Committee, the case coordinator works with the student on a case-by-case basis to determine the impact of the disability and the appropriate accommodation(s). Disability Concerns offers a variety of services to accommodate persons with disabilities. Accommodations provided may include, but are not limited to, exam accommodations, sign language interpreters, notetakers, assistive technologies and materials in alternative formats.

Disability Concerns provides many of its services through a volunteer model. This is promoted to diminish attitudinal barriers and to promote understanding and respect for persons with disabilities. All students, faculty, staff, and alumni of the University are encouraged to volunteer their time and talents. This volunteer program offers the opportunity to obtain volunteer hours, develop experience to enhance a resume, and perhaps most importantly, develop skills that encourage and promote diversity. Persons interested in providing volunteer assistance should inquire at Disability Concerns.

HEALTH PROMOTION AND WELLNESS

Phone: (309) 438-5948; TTY: (309) 438-2498

Website: www.wellness.ilstu.edu

Health Promotion and Wellness serves Illinois State University students, faculty, and staff and is located on the third floor of the Student Services Building. The department will move to the new Student Fitness Kinesiology Recreation Building upon opening in 2011.

Health Promotion and Wellness uses a comprehensive approach to help you achieve a healthy balance and more enjoyment in all aspects of your life. Staff is available to assist you with a variety of wellness issues, including: physical fitness, diet/nutrition, quitting smoking, stress management, body image, spiritual health, emotional & social wellness, sexual health, and other issues affecting your well being. Health Promotion and Wellness offers a comprehensive wellness education and prevention area that offers written materials, fact sheets, brochures, texts, interactive CD-ROMs, professional journals, and other media resources for students, faculty and staff, to use in classroom projects, research, or for personal health care. In addition, the Peer Education program trains student volunteers to conduct interactive and educational workshops, assist with campus and community outreach projects, and help serve as an information and referral resource.

STUDENT HEALTH PROGRAM

Student Health Services: (309) 438-8655

Website: www.shs.ilstu.edu

Student Insurance: (309) 438-2515

The Student Health Services and Student Insurance Office are located on the second floor of the Student Services Building on the corner of College Avenue and University Street, just west of the Bone Student Center.

The Student Health program consists of two components (1) the on-campus Student Health Service and (2) a comprehensive low-cost Student Health and Accident Insurance Plan that supplements services available through the Student Health Services.

Eligibility and Fees: Regarding the Student Health Services, all students who register for one or more credit hours and are assessed general fees are entitled to use all the services at the on-campus clinic for the entire semester or session. There will be a \$5 Front Door Fee assessed to the user's University account for each visit to the Student Health Services. Spring semester students, who do not plan to attend summer session classes, may obtain summer health care if they pay the appropriate health fee. Enrolled students may purchase Student Health Services access for spouses/domestic partners if they pay the fee. An eligible student who graduates may purchase one additional term prior to the expiration of the current term. All optional health fees are payable at the Student Health Services Business Office.

Regarding Student Health Insurance, all students who register for nine or more credit hours during the fall and spring semesters by the fifteenth calendar day of classes (or for six or more hours by the eighth day of the first summer session) and are assessed general fees, are also assessed a health insurance premium.

On-Campus Student Health Services: The clinic is fully accredited by the Accreditation Association for Ambulatory Health Care, Inc. Services at the clinic are comparable to those offered by most private community physicians. The clinic is staffed by licensed physicians, nurse practitioners, physician assistants and nurses. Services available include a medical clinic, women's health clinic, psychiatry, diagnostic laboratory, radiology, pharmacy, allergy injections, immunizations, etc. Students wanting to use the clinic may schedule an appointment via the Website at www.shs.ilstu.edu or call the appointment line at (309) 438-2778 to schedule an appointment. Students need to bring their Illinois State Student I.D. card at check-in.

Complicated illnesses or injuries requiring surgery or long-term care usually will be referred to an outside specialist. New students who have chronic medical conditions such as asthma, diabetes, or epilepsy, which require continuous monitoring and treatment, should retain the services of private physicians for the continuing supervision and management of their condition. The Student Health Services staff will furnish supportive care and assist the student's private physician in the student's care if the private physician fur-

nishes written instructions. There are medical specialists plus two hospitals in the Bloomington-Normal area that are equipped to handle medical problems should they arise. Information regarding medical services can be obtained by contacting the Student Health Services main reception area in the Student Services Building, or by calling (309) 438-8655.

Student Health and Accident Insurance: The Student Health Insurance Fee provides a health and accident insurance policy intended to meet the needs of students without other insurance or to provide 100 percent coverage for insured expenses by coordinating with a family policy. The policy includes world-wide coverage, with a \$1,000,000 maximum, a \$1,000 stop-loss provision designed to provide catastrophic coverage while limiting out-of-pocket expenses, and a \$50 deductible. This deductible is waived if other insurance is also in force. The schedule of benefits includes services for hospital inpatient and outpatient use, including emergencies, surgical and anesthesia fees, physicians' charges, consultation expenses, laboratory and radiology expenses, and ambulance services. A complete schedule of benefits may be obtained from the Office of Student Insurance, Room 230, in the Student Services Building.

Student insurance coverage (and eligibility to use clinic services) begins the Monday prior to the first day of regularly scheduled fall classes; the Thursday before spring classes; and on the first day of the first summer session classes. This coverage is terminated on the first day of classes of the next regularly scheduled term. Continuous year-round coverage is available if the student maintains university registration at nine or more hours during the fall and spring semesters and applies for summer coverage prior to the expiration of spring coverage. A summer insurance fee is assessed automatically when registration of 6 or more credit hours is completed by the 8th calendar day. An insured student who graduates may purchase one additional term at the group rate by the last day of the covered period. This policy contains no extension of benefits into a non-covered semester for any condition. Extension of coverage for existing conditions, such as maternity, is available through the continuation option, details of which can be obtained from the Student Insurance Office. Although dependent coverage is not included in the Student Plan, the Student Insurance Office can provide suggested alternatives for students needing dependent coverage.

It is strongly recommended that students remain enrolled in this plan even if other health insurance is present. A request to cancel this insurance plan is permitted during the first 15 calendar days of each semester (eight days during the summer session) for those students who prove they have comparable insurance coverage (insurance ID card or copy of policy) and complete the required petition in the Student Insurance Office. However, experience often has shown that the premium for the Illinois State University plan is less than out-of-pocket bills that many have to pay because of higher deductibles and coinsurance

provisions in their own policy. Additionally, students sometimes lose coverage through their parents' plan because of age limitations, changes in dependent status, or changes in employment of parents. Thus, it can be more economical to remain enrolled in the Illinois State plan.

The previous information is a summary of benefits and enrollment procedures. Persons desiring specific information about the Illinois State University Student Health Insurance Plan should contact the Student Health Insurance Office, Room 230, Student Services Building, or call (309) 438-2515.

STUDENT COUNSELING SERVICES

**320 Student Services Building, voice: (309) 438-3655
TTY: (309) 438-5489
www.counseling.ilstu.edu**

Student Counseling Services (SCS) provides a full range of counseling services on a voluntary, strictly confidential basis. Group counseling is offered to promote self-discovery and to provide students with opportunities to change patterns of behavior in relationships. SCS also offers individual personal and career counseling, crisis intervention, after hours on-call services for emergencies, and psychiatric consultation. Counseling services are offered free of charge to students.

Students seek our services for many reasons. Our staff of licensed professionals can offer assistance with issues such as relationships, identity, unwanted habits, depression, stress management, anxiety, grief and loss issues, self-esteem, and decision-making, to name but a few common concerns students bring to the center.

Students can call the office or walk-in to make an appointment. During the initial appointment a counselor will meet with the student to clarify their concerns and to determine a plan to address those concerns that may include on-going counseling, referral to one of our programs, or another service in the community.

Student Counseling Services also offers a wide range of workshops on mental health issues, a Career Choice class (IDS 106), and has an extensive self-help section with online self-assessments for depression, anxiety, eating disorders, etc. on our webpage. All services are offered in a way that supports cultural and racial diversity and promotes respect for individual differences.

SPEECH AND HEARING CLINIC

**211 Rachel Cooper/Fairchild Hall, (309) 438-8641
Website: SpeechHearingClinic.IllinoisState.edu**

Students and faculty may obtain fee-based evaluation and therapy services for a wide range of speech, language, and hearing disorders. Hearing aids and assistive listening technologies are dispensed at competitive prices. Please contact the Speech and Hearing Clinic in the Department of Communication Sciences and Disorders for an appointment.

STUDENT INVOLVEMENT AND COMMUNITY

Dean of Students

Janet W. Paterson, Ph.D., Dean of Students
Bone Student Center, Room 144
Campus Box 2640; (309) 438-2008
Email: DeanofStudents@IllinoisState.edu
Website: www.DeanOfStudents.ilstu.edu

The purpose of the Dean of Students Office at Illinois State University is to provide advocacy, problem resolution and crisis intervention as well as a variety of programs and services for students.

The major function areas within the Dean of Students Office include the following areas:

- Campus Discipline
- Commencement Management
- Diversity Advocacy Programs
- Fall Orientation
- Greek Affairs
- Leadership Development Programs
- Legal Services
- Mediation Services
- Nontraditional Student Services
- Off-Campus Student Services
- Parent Services
- Recruitment and Retention Programs for Under-Represented Student Populations
- Student Government Advisement
- Student Involvement Opportunities/Registered Student Organizations
- Student Programming
- Volunteer Services

COMMUNITY RIGHTS AND RESPONSIBILITIES

Coordinator: Anne Newman
Student Services Building, Room 120
Campus Box 2440; (309) 438-8621
Email: crr@ilstu.edu
Website: www.DeanOfStudents.ilstu.edu

Community Rights and Responsibilities, a unit of the Dean of Students Office, coordinates the University's student disciplinary, grievance, and conflict resolution processes. Student disciplinary matters are reviewed both by administrative staff and by the University Hearing Panel, while student grievances against faculty and staff are reviewed by the Student Grievance Committee. Appeals of both processes are reviewed by the Student Code Enforcement and Review Board.

For students engaged in conflicts with other members of the community, alternative dispute resolution services are also provided. Mediation is available in many cases where the parties agree to attempt to develop a solution to

satisfy both/all parties. Both student and administrative forms of dispute resolution, such as facilitation and negotiation are available as deemed appropriate.

DIVERSITY ADVOCACY

Coordinator: Angela Davenport
Student Services Building, Room 387
Campus Box 5800; (309) 438-8968
Website: www.DeanOfStudents.ilstu.edu

Diversity Advocacy, a unit of the Dean of Students Office, plans programs to promote diversity and raise cultural awareness in students, faculty and staff and provides support for underrepresented populations through advocacy, outreach and education.

The unit coordinates a wide variety of educational experiences designed to celebrate and reflect the diversity that makes up the Illinois State community, including (but not limited to): African-Americans, Asian-Americans, Gay Lesbian Bisexual and Transgender persons, Latinos/Latinas, Native Americans, women and persons with disabilities, and Multi-Ethnic individuals. Through MECCPAC (Multi Ethnic Cultural and Co-Curricular Programming Advisory Committee), Diversity Advocacy provides funds to co-sponsor diversity and cultural development by other departments and student organizations. The unit also plays a role in developing student recruitment and retention initiatives and collaborates with faculty and academic departments to enhance in-and-out-of-classroom experiences.

PARENT SERVICES

Coordinator: John Davenport
Bone Student Center, Room 144
Campus Box 3090, (309) 438-3753
Website: www.DeanOfStudents.ilstu.edu

Parent Services, a unit of the Dean of Students Office, provides support and assistance to parents and family members of Illinois State students. The unit provides information, resources and materials about the University, and also develops programs that promote family involvement, such as Family Weekend. The unit also serves to convey the suggestions and concerns of parents to the University community.

STUDENT INVOLVEMENT CENTER

Coordinator: Steve Klay
Bone Student Center, Prairie Room South
Campus Box 2700; (309) 438-3212
Email: studentorganizations@ilstu.edu
Website: www.DeanOfStudents.ilstu.edu

The Student Involvement Center, a unit of the Dean of Students Office, helps students who are looking to get involved on campus, and those who are currently involved

with registered student organizations (RSOs). Illinois State has an organization or club for almost every interest. The center maintains a registry of over 300 student organizations on campus, which are categorized by areas of interest. To view a current listing of all the organizations or for information about how to start a new organization, visit the Dean of Students Website or contact the Student Involvement Center.

Campus Community and Recreation

BONE STUDENT CENTER/ BRADEN AUDITORIUM

100 N. University Street

Campus Box 2640

(309) 438-2222

www.BoneStudentCenter.ilstu.edu

The Bone Student Center (BSC) and Braden Auditorium, named for the institution's ninth and tenth presidents respectively, serves as a hub of student activities and services. Committed to serving the needs of the University community, the BSC includes a number of study and hang out spaces, along with eateries such as McAlister's Deli, Burger King, Pizza Hut Express, Freshens, and Einstein Bros® Bagels. The ISU Credit Union, TechZone, PIP Printing, the Lobby Shop convenience store, the InfoCentre information desk and the Illinois State Bookstore in partnership with Barnes and Noble, are additional services available in the Center. The Bone Student Center also serves as home to Leadership and Service, the University Program Board, the Student Involvement Center, Dean of Students Office, and the Redbird Card Office.

Braden Auditorium, an academic and public service facility, seats 3,457 and offers premier entertainment for the University and local community. The Braden Box Office, an official TicketMaster outlet located in the Bone Student Center, sells tickets to Braden performances, Peoria Charter and Burlington Trailways bus tickets, and provides personal check cashing.

Adjacent to the BSC is the Bowling and Billiards Center (BBC). With 10 lanes of bowling and 20 billiards tables, the BBC plays host to the Illinois State Bowling Team.

CAMPUS RECREATION

Website: www.rec.ilstu.edu

Student Recreation Building,

Beech and Willow, (309) 438-PLAY

Outdoor Adventure Rental Center, 220 N. Main,
(309) 438-8419

Campus Recreation encourages personal enrichment by providing a variety of leisure experiences and recreational opportunities. Consult the department's website at

www.rec.ilstu.edu for a comprehensive guide to the many services, programs, facilities, and events provided by the department each semester.

The department operates two facilities: The Student Recreation Building and the Outdoor Adventure Rental Center. The Student Recreation Building features open recreation areas for racquetball, walleyball, basketball, walking/jogging, and sand volleyball, all of which are open to Illinois State University students with a valid university ID. Purchase of a Weights Plus membership includes access to cardiovascular, circuit training, and free weight equipment. A Group Fitness membership includes unlimited access to many fitness and cycling classes. The best of both memberships can be enjoyed with the purchase of a combo pass.

The Outdoor Adventure Rental Center offers a wide assortment of outdoor equipment available to rent with discounted rates to Illinois State University students. The Outdoor Adventure Library is also located in this facility with information to help plan any outdoor excursion.

With an anticipated opening in Spring 2011, the new Student Fitness, Kinesiology and Recreation Building will help to generate numerous additional campus recreation opportunities for students. Located in the heart of campus on southwest corner of the Quad, this 170,000 square foot facility will include basketball courts, an indoor track, increased aerobic and weight training space, a swimming pool, a climbing wall, and much more. In the new facility, students will no longer need to purchase a membership but will be able to access the building with their valid university ID.

Don't miss all the other programming opportunities available through Campus Recreation, including a variety of intramural activities, outdoor trips, non-credit classes, special events and sport clubs. The department also offers student employment positions in a variety of programs.

INTERCOLLEGIATE ATHLETICS AND WEIBRING GOLF CLUB AT ILLINOIS STATE UNIVERSITY

213 Redbird Arena, (309) 438-3639

Weibring Golf Club at Illinois State University, Gregory Street, (309) 438-8065

The University competes in eight men's and eleven women's sports. Whether the action is scheduled for Horton Field House, Hancock Stadium, Redbird Arena, or any of the other outdoor facilities, students enjoy joining their peers in cheering the Redbirds on to victory. Coming out to a Redbird event is a great way to show school spirit and meet new friends. Students may purchase a Red Alert Pass for only \$50 and receive first priority for available student tickets and/or admission to regular season events. Students purchasing the Red Alert Pass also receive benefits such as a FREE t-shirt, preferred seating and early admission to games. Purchasing a Red Alert Pass is as easy as adding it to your student

account, and it allows you to experience the excitement of Redbird Athletics up close and personal. For additional information call (309) 438-3639, or visit the Website at www.GoRedbirds.com.

The Weibring Golf Course at Illinois State University is a par 71, 18-hole course. The renovated golf course features a new irrigation system, rebuilt greens with bent grass fairways and 14 new forward and championship tees along with a fully stocked pro shop, snack bar, and cart and club rentals. Student daily, semester, and season passes are available.

Career Planning

CAREER CENTER

185 Student Services Building, (309) 438-2200

www.CareerCenter.ilstu.edu and CareerCenter@ilstu.edu

The Career Center is a valuable central resource for our students, alumni, faculty, and employers who are seeking qualified candidates. Students may receive guidance in many areas from deciding on a major to exploring career options that match their talents, interests, and career goals. The Career Center Staff also assists students in developing job search skills that will give them a competitive edge when applying for internships and full-time positions.

Students may take advantage of individualized career planning assistance by making an appointment with their career advisor or by utilizing other career services such as the online job search tool (eRecruiting), an extensive Website containing quality job search information and materials; on-campus interview opportunities with employers; and a variety of events offered throughout the academic year to facilitate students and alumni meeting with employers from business, industry, government, education and the not-for-profit sector. Staff is also available to assist students and

alumni at any stage of their career search process including assessment of interests and abilities; choosing a major; clarifying career goals; and providing information about the labor market, job outlook and salaries.

A key component leading to a student's success when applying for the first career position after graduation is having participated in one or more internships while an undergraduate. Internships give students the advantage of having career-related experience immediately upon graduation from college. Internships are professionally monitored work or service experience for students that provide intentional learning goals and reflect actively on the learning experience. They can be part- or full-time and paid or unpaid. Tuition and fees are assessed in the usual manner for all credit earned in internship experiences. Students are encouraged to work with the Internship Coordinator in their college along with the Career Center's Assistant Director of Professional Practice or their career advisor to find internships that will provide the professional experiences needed to be competitive in the job market.

Illinois State University's nationally recognized Professional Practice Program offers academically qualified students an opportunity to integrate classroom study with one or more terms of paid or unpaid internship experience in a work environment related to the student's academic and career goals. Many organizations in the U.S. and abroad have served as learning sites. Students interested in enrolling in internships (typically 198, 298, 398 courses in the catalog) should contact the internship coordinator in their department/school or the Career Center early in their undergraduate program to ensure proper arrangement.

For information, contact the Career Center by phone, Monday – Friday, 8:00 a.m.-4:30 p.m. at (309) 438-2200; via email at CareerCenter@ilstu.edu; or visit the Website at www.CareerCenter.ilstu.edu.

ACADEMIC SERVICES AND OPPORTUNITIES

Academic Support Programs

STUDENT SUPPORT SERVICES/TRiO

387 Fell Hall, Campus Box 4060

(309) 438-2099

email: studentsupportservices@ilstu.edu

www.ucollege.ilstu.edu/mentoring/ssss_trio

Student Support Services (SSS) is a federal TRiO program designed to enhance the academic success, retention, transfer, and graduation rates of eligible undergraduate students. Since 1980, the SSS program has provided opportunities for first-generation and/or low income Illinois State University students. From enrollment to graduation, SSS program personnel are dedicated to offering individualized assistance and support services that will enhance the academic, personal and professional potential of students who participate in the program. Some of these services include academic, personal, financial, career, and professional/graduate school advisement; needs assessments, academic monitoring, and appropriate on-campus resource referrals, and on- and off-campus programs and student leadership conferences. For further information, please view the Website or call the program office. SSS is funded by the U.S. Department of Education in cooperation with Illinois State University.

DEVELOPMENTAL MATH

118 Schroeder Hall, Campus Box 4060

(309) 438-3360

www.ucollege.ilstu.edu/teaching/dev_math

The Developmental Math unit of University College offers MAT 102 (Basic Algebra), and MAT 104 (Intermediate Algebra) taught by student-centered instructors in a warm, friendly atmosphere that is conducive to learning. Developmental Math students are strongly encouraged to make use of tutorial assistance provided by instructors, graduate assistants, and undergraduate teaching assistants in the University College mathematics lab.

JULIA N. VISOR ACADEMIC CENTER

012 Vrooman Hall, Campus Box 4070

(309) 438-7100

www.ucollege.ilstu.edu/about/visor

The Julia N. Visor Academic Center provides services and programs designed to assist students in their pursuit of academic excellence at Illinois State University. These services and programs have been developed to impact student

retention. The center's Learning Services component functions to provide academic support through content tutoring, writing assistance, and study skills workshops. The center's Targeted Retention Services component functions primarily to enhance the academic success and retention of minority and disadvantaged undergraduates at Illinois State University. The center's Student Success programming works to provide academic support for specific student populations.

UNIVERSITY COLLEGE TESTING SERVICES

346 Fell Hall, Campus Box 4060

(309) 438-2100

www.ucollege.ilstu.edu/testing

University College Testing Services administers college-related tests to facilitate transitions to and within the University. Testing provides undergraduate and graduate entrance exams, university course placement exams, exams for course credit, exams to meet graduation requirements, as well as professional and correspondence exams for the community. Please visit our Website or call the office for more information.

COMPUTER AND INFORMATION SERVICES

Campus Technology Support Group

University Computer Help Desk

IllinoisState.edu/helpdesk

(309) 438-HELP

Appropriate Use Policy: The University's Appropriate Use Policy establishes the appropriate use of computing and telecommunication networks, computing equipment, and technology resources. Users must agree to abide by this policy prior to gaining access to Illinois State resources. The policy includes provisions for the observance of all copyright laws. The full text of the appropriate use policy is available at the following Website: www.policy.ilstu.edu.

Student Computer Ownership Initiative: All new students to the University are required to bring a personal computer that meets the University's published minimum hardware and software standards. For mobility and flexibility reasons, laptops are strongly recommended. No student will be prevented from attending classes based on an inability to purchase a computer. Different financial resources are available to students including adding the cost of a computer to a student's "total cost of attendance." The cost of attendance is one of the factors that determines the amount of financial aid offered. Assistance, help, specifications, and more information on the policy can be found at TechZone, Bone Student Center 2nd floor, or www.techzone.ilstu.org.

iCampus Portal: The iCampus portal, at www.icampus.ilstu.edu, allows students to plan and register for classes, view the Course Registration Directory and Planner; and view their grades, schedule, textbooks, financial aid status, email, Redbird card balance, view student paycheck stubs, sign up for direct deposit and more through a Web browser from anywhere in the world.

Email account and storage space: Each student is given an Illinois State University email account for use in contacting faculty and classmates, as well as keeping in touch with friends and family at home. Students are responsible for checking their Illinois State account regularly, as the University uses it for official correspondence. Email is accessible on the Web at either webmail.ilstu.edu or www.icampus.ilstu.edu. In addition, each Illinois State student is given personal web and file storage space on a secure University server (Datastore01), available from an Internet-connected computer anywhere in the world. More information about Datastore01 and how to configure your computer to access it is available at IllinoisState.edu/helpdesk.

Internet Access: There are many convenient methods for connecting to Illinois State University over the Internet. All residence halls provide high-speed Ethernet access. There are also public network jacks and wireless connectivity available in many locations on campus for mobile laptop users, including areas in Milner Library, the Bone Student Center, and all residence hall dining areas. The University Computer Help Desk maintains a download site, which provides Illinois State students with browsers, email clients, virus protection, spyware detection, mobile printing software, and other useful tools, all configured to reach Illinois State resources. These software tools are available free of charge with a University login (ULID) and password at IllinoisState.edu/helpdesk.

Computer Security: To protect your computer and the campus network from viruses, worms, trojans, and the like, you must install the free anti-virus software provided by the University and set it to automatically update the virus definition files. You must insure that your computer presents no risk to the campus community by installing free critical updates to the operating system. Computers vulnerable to

viruses and the like will be blocked from accessing the network. Further information on computer security requirements is available at www.helpdesk.ilstu.edu/security.

Computer Laboratories: Personal computers (PCs) for doing work outside of class are available to students in over 75 computer labs at various locations on campus. PC and Macintosh computers are available, along with printers and scanners in some locations. Software tools such as email, browsers, word processing, graphics, spreadsheets, and course-specific software are available in varying configurations at all computer lab locations.

Five of the larger computer labs are called University Labs, or uLabs. Two of the uLabs, in Stevenson 250 and Milner Library, are general purpose labs available to all students with a valid Illinois State University ID. The other three uLabs are general purpose labs located in three different residence halls, and are available to all residence hall students. Specific information about the uLabs, including operating hours, software available, and directions, may be found at IllinoisState.edu/ulabs.

MATHEMATICS TUTOR CENTER

330 Stevenson, (309) 438-8781

The Mathematics Tutor Center provides tutorial assistance to students enrolled in most 100-level courses in Mathematics. Intensive remedial assistance is not provided. Interested students and faculty should contact the Mathematics Department for additional information.

OFFICE OF THE UNIVERSITY REGISTRAR SERVICE CENTER

107 Moulton Hall, (309) 438-2188

The Office of the Registrar Service Center is the primary public service area of the Office of the University Registrar, providing assistance to students registering for courses, applying for graduation, requesting transcripts and other selected services. Referrals are made to other offices as appropriate. Client service hours and additional information may be found by visiting the Website at www.registrar.ilstu.edu.

Honors Programs

GENERAL INFORMATION

**Honors Program, Corner of North and Fell Streets
Campus Box 6100, Normal, IL 61790-6100
(309) 438-2559**

Director: Dr. Kim Pereira

Website: IllinoisState.edu/honors

The nationally recognized Honors Program at Illinois State University provides enriching educational opportunities for academically talented students. Excellent students committed to their own personal development and to rewarding professional careers find that their Illinois State Honors education prepares them well for professional schools, graduate schools, and for satisfying employment after they graduate. Honors students enjoy the benefits of a small college in the rich context of a large multipurpose university. The University offers Honors students early registration; special courses, taught by distinguished teachers and scholars; close, caring personal advisement by Honors Program advisors; unique opportunities for undergraduate research with world-class faculty scholars; special living accommodations which bring them into close acquaintance with other Honors students in academic and social programs; special awards and recognition; and other benefits.

Successful graduates of the Honors Program attend top law schools, medical schools, and graduate schools. They also obtain outstanding employment in a wide array of professions and careers.

ADMISSION TO THE HONORS PROGRAM

Admission to the Honors Program is based on a variety of parameters. In keeping with the Illinois State University mission which describes us as a "diverse community of scholars," we are looking for highly motivated students who are committed to their careers and their community; who have demonstrated success in and out of the classroom; who are determined to have a positive impact on the university during their tenure here and on their society after they graduate; and who offer the University diversity of discipline, background, and thinking. Applications require a personal statement designed to give the Honors Admissions Committee a sense of how motivated an applicant is to pursue academic work and to participate in the cultural life of the University. Students already enrolled in the University and incoming transfer students interested in Honors experience and participation may also apply for admission to the Program, and must also submit a personal statement. Acceptance into the program is based on the analysis of all information submitted in applications.

ACADEMIC SCHOLARSHIPS FOR NEW STUDENTS

Illinois State University offers scholarship programs to support academically talented new freshmen and transfer

students. University-wide scholarship programs are listed below, but various departments, schools, and colleges offer their own academic scholarships, many of which are for new students. For further information, contact the Office of Admissions, the Honors Program, the Scholarship Resource Office within the Financial Aid Office, or the college or department/school associated with the program of study in which the student is interested. See also the Financial Assistance section of this catalog, which details additional academic scholarship programs.

Presidential Scholarships: Presidential Scholarships are awarded to outstanding students based on academic performance, without regard to financial need. Recipients of these scholarships are chosen on the basis of academic accomplishments, scores on college admissions tests (ACT/SAT), demonstrated leadership qualities, evidence of commitment to service as well as an on-campus interview. Presidential Scholars receive an annual \$8,000 award, renewable for up to four years contingent on the student's continued attainment of a 3.30 cumulative grade point average (GPA) and satisfactory progress in the Presidential Scholars Program. Finalists in National Merit and National Achievement Program competitions who enroll as Presidential Scholars and who list Illinois State as their first-choice school receive an additional \$2,000 for the freshman year.

The application for admission to the University will determine eligibility to apply for the Presidential Scholarship. Qualified applicants will be sent an invitation to apply for the scholarship on a rolling basis beginning mid October.

Recent Presidential Scholars have an average grade point average of 4.30 on a 4.00 scale, have ACT composite scores in the lower 30s and higher, and demonstrate other meritorious traits as evidenced by their overall high school records.

Presidential Scholarship winners are automatically admitted to the University's Honors Program and the Presidential Scholars Program, an exclusive academic program combining some of the best courses in the University with a student-selected course of study, involving Honors Program advisors and selected professors around the University. The program is designed to offer participants the advantages of a small liberal arts college within the framework of an outstanding multipurpose university. This program is international in character, requiring an international studies experience and foreign language study. It also has a service learning component, which enables students to earn academic credit for community service by bringing them into contact with local professionals, depending on student interest and career goals.

Honors Scholarship: The Honors Program maintains a program of academic scholarships to support talented new freshmen in the Honors Program. These are tuition scholarships only for full-time study during the freshman year. Students are eligible to be considered for these scholarships when they have applied for and been accepted into the Honors Program. To ensure full consideration,

students should submit their applications, available from the Honors Program, no later than March 1st. Students who have applied for a Presidential Scholarship are automatically considered for the Honors Scholarship and do not need to submit a separate application.

Honors students already enrolled at Illinois State are invited each spring to apply for tuition scholarships for the following summer and academic year.

ACADEMIC PROGRAMS IN HONORS

Honors Courses: Honors students enjoy special sections of regular university courses, including courses in the General Education Program. They may also enroll in special courses taught by the university's distinguished scholars and teachers, including Advanced Colloquia on various topics, Independent Honors Study, Honors Undergraduate Research, and Honors Service Learning. Among the courses offered by the Honors Program are those listed at the end of this section of the catalog.

Students may also complete an "In-Course" contract, negotiated with the faculty member, specifying requirements for Honors credit. Work completed in an Honors section or through an approved In-Course contract will result in an "H" on the transcript, reflecting Honors credit, for students enrolled in the Honors Program.

Opportunities for Undergraduate Research and Scholarship: The Honors Program sponsors several programs designed to help students pursue research and scholarship as undergraduates. This is an especially important opportunity for students aiming for advanced study in graduate or professional schools. Honors students have used such research opportunities as a basis for publishing articles, networking with professors in their disciplines, and receiving national scholarships and academic prizes. The Program provides financial support for research through two programs: Honors Research Mentorships and the summer Undergraduate Research Grants. Contact the Program for information about special curricular options involving undergraduate research.

Senior Professionals of Illinois State University: The Honors Program works with an organization of retired professionals in Central Illinois and Senior Professionals of Illinois State University to offer a mentoring experience for Honors students at the University. The organization consists of retired individuals from various professions, including lawyers, judges, university faculty and administrators, business executives, accountants, physicians, dentists, and numerous other professionals. These professionals mentor honors students, helping them make connections in their chosen fields, offering them advice regarding their professional aspirations, providing social opportunities for them, and making scholarships available to them. This is a great opportunity, available only to Illinois State Honors students. Honors students may apply to participate in Senior Professionals Program at any time during their academic careers at Illinois State.

Individually Designed Curricula: Honors students may, with the advice of select faculty members and Honors Program advisors, participate in the design of their own educational curricula, reflecting their special interests and goals. This option, called the Faculty Colleague Program, includes individualized curricula for academic majors and minors and for General Education. It allows outstanding students the ability to shape for themselves useful curricular options that might not be available at any other university.

Presidential Scholars Program: The Presidential Scholars Program is an exclusive and unique academic program which offers students holding Presidential Scholarships special curricula both in General Education and in their major course of study; opportunities for study abroad; and select service learning experiences. Presidential Scholars in this program enjoy special social activities, such as dinners with the President, and special advisement. For more information, see the section about Academic Scholarships in the Honors section of this catalog.

Residential Programs for Honors Students: Students in the Honors Program may choose to live in Honors House in Hewett-Manchester Halls. Honors House offers select social, cultural, and intellectual programs for students. The sense of community found in Honors House makes it a popular residence for Honors students.

Competitive National and International Scholarships: The Honors Program maintains information about prestigious national and international scholarships. Many Illinois State students are eligible and can compete successfully for these scholarships. The Program assists students in applying for scholarships such as the Rhodes, Fulbright, Goldwater, Truman, Marshall, and Udall Scholarships, and many others. Students interested should attend scholarship informational workshops scheduled by the Honors Program, and they should contact the Honors Office for further information.

CONTINUATION REQUIREMENTS

Honors students are required to maintain a minimum cumulative Grade Point Average of 3.30 and are required to complete three hours of Honors credit each semester (excluding summer term).

Honors Probation: Students whose cumulative GPA falls between 3.00 and 3.29 will be placed on Honors Probation, which allows them the opportunity to raise their GPA while enjoying the benefits of the Honors Program. Students must earn a minimum GPA of 3.30 each semester they are on Honors Probation and must raise their cumulative GPA to 3.30 within two semesters. First semester freshmen will be placed on Honors Probation if their GPA falls between 2.70 and 3.29 and must also earn a minimum semester GPA of 3.30 for each semester they are on Honors Probation. First semester freshmen have until the end of their fourth semester to raise their cumulative GPA to 3.30. Students who fail to meet these requirements will be dropped from the program.

Participation Requirements: Full-time Honors students must complete three credit hours of Honors coursework each fall and spring semester. Part-time Honors students must complete three credit hours of Honors coursework for every 15 credit hours completed during the fall and spring semesters. Students who complete more than three hours of honors credit may use these hours toward the fulfillment of this participation requirement in a later semester. Honors students who complete 24 hours of Honors coursework are exempt from further participation requirements. Students can meet these participation requirements by enrolling in Honors sections of regular courses, Honors Colloquia, Independent Honors Study, Honors Thesis, Undergraduate Research Participation or through an In-Course Honors Contract. Details about applying for In-Course Honors Contracts are available through the Honors Office. All In-Course Contracts are due in the Honors Office no later than the 15th day of the fall or spring semester.

Suspension for Non-Participation: Honors students who do not meet the participation requirement for the fall or spring semester will be placed on Honors Suspension for the upcoming semester. Honors students on suspension may not participate in the early registration period and will be assigned to a later registration date. To regain good standing, suspended Honors students must complete three hours of Honors credit during the semester they are on Honors Suspension. Honors students who do not meet this requirement, or who subsequently fail to meet the participation requirement will be dropped from the program and will not be eligible for readmission.

ACADEMIC HONORS

Dean's Lists: Undergraduates who meet high academic standards, as established by the college of their major, are included in a Dean's List issued each semester. Eligible students must complete 12 or more graded hours during the semester. Courses completed after the official end of the semester and courses taken with a CT/NC option will not be counted for this purpose.

The Dean's List for the Colleges of Applied Science and Technology, Arts and Sciences, Education, Fine Arts, and Mennonite College of Nursing will include those students whose grade point averages place them among the top ten percent of those students majoring within the college based on their semester GPA. The Dean's List in the College of Business will include only undergraduate students majoring in business who have completed 12 or more semester hours with an overall semester grade point in the top ten percent, and at least a 3.33 GPA for all courses taken during the semester. Courses completed after the official end of the semester and courses taken with a credit/no credit option will not be counted for this purpose. Students whose major does not place them in one of the six colleges that offer classes and whose semester grade point average is within the top ten percent of the University are identified on the list of the Vice President and Provost.

Robert G. Bone Scholarship: Bone Scholarships are the highest academic honor awarded to undergraduates, and many of them are awarded to Honors students. The University each year names 14 outstanding junior undergraduates as Robert G. Bone Scholars. Robert G. Bone was president of Illinois State from 1956 to 1967, and was so highly regarded by the University community that these special scholarships were established to honor his memory. Undergraduates can receive no higher honor from the University than to be awarded the Bone Scholarship. These scholarships recognize superior academic records, broad academic achievement, notable community and campus service, and demonstrated leadership. Students must be nominated during spring semester of their junior year in order to apply for this award, and they must complete a rigorous application process in order to be selected. A university-wide committee, organized by the Honors Program, reviews applications and makes selections.

Charles W. Bolen Senior Professionals Honors Student Award: Honors students mentored by Senior Professionals are eligible to apply for the \$1,000 Charles W. Bolen Award. Awards are given each spring based on applicants' involvement with the Senior Professionals Program, academic accomplishments, and campus and community involvement.

UNDERGRADUATE DEGREES WITH HONORS

Degrees with Honor Distinction: Eligible students may graduate from Illinois State with traditional, Latin-named degrees with distinction: cum laude; magna cum laude; or summa cum laude. Many Honors students graduate with these distinctions. These designations are indicated both on a student's diploma and transcript. See the criteria under Degrees with Honor Distinction in the Degree Requirements section of this catalog.

Honors students receiving undergraduate degrees may receive one or more Honors designations, available to students with various types of commitment to academic work beyond the basic catalog requirements. The following designations are recorded permanently on student transcripts, and some of them are noted on diplomas. Such designations help students gain entry into graduate and professional schools, and enhance employment opportunities.

Sophomore Honors Scholar: Students awarded this honor must meet the following conditions: (1) Earn 12 hours of Honors credit with grades of A or B; at least 6 hours must be through honors sections; (2) earn a cumulative grade point average of at least 3.40 at the end of the fourth semester and be in good standing in the Honors Program; and (3) complete either option A or Option B that follows.

OPTION A: (For students in the Honors Program first semester freshman year.)

— Successfully complete IDS 102.17, Honors Freshman Seminar or IDS 102.70, Presidential Scholars Seminar with a grade of A or B;

— Participate in 3 Honors Experiences:

- a. Attend and submit documentation for three Honors events as approved for this designation by the Honors Program.
- b. At least two different types of events are required: either one Research Mentorship presentation and two Honors Sponsored Speaker events or one Research Mentorship presentation, volunteer at the Undergraduate Research Symposium, and attend an Honors-sponsored speaker event (two acceptable ways to fulfill this requirement).
- c. Unless otherwise noted, documentation of participation will be collected at the conclusion of the event.

OPTION B: (For students starting in the Honors Program second semester freshman year.)

— Participate in 4 Honors Experiences:

Attend and submit documentation of four Honors events as approved for this designation by the Honors Program and meeting the criteria described above under Option A, in b and c.

Honors Program Scholar: Students who graduate in good standing in the Honors Program with a Grade Point Average of 3.30 or higher, who have completed a minimum of 9 hours of Honors credit with grades of A or B, and have completed a minimum of 3 semesters in the Honors Program will be designated Honors Program Scholars. This designation is indicated on their transcript and in the Commencement Booklet. Honors Program Scholars wear a red cord at Commencement.

Presidential Scholar: Honors Program Scholars who complete the requirements of the Presidential Scholars Program, have a minimum GPA of 3.30 and are in good standing at the time of graduation will be designated Presidential Scholars. This designation is indicated on student transcripts and in the Commencement Booklet. Presidential Scholars wear a silver cord at Commencement in lieu of the red cord.

Honors Program Scholar with Merit: Students awarded this certificate must satisfy the following requirements: (1) Overall GPA of 3.50 at graduation; (2) at least 12 hours of Honors coursework, earning grades of A or B; (3) 4 semesters participation in the Honors Program; (4) at least one of the following Honors experiences: (a) Advanced Honors Colloquium, (b) Undergraduate Research Participation (3 semester hours), (c) Independent Honors Study (3 semester hours), or (d) Honors Thesis (3 semester hours). This designation is reflected on student transcripts. Students must apply for this designation to the Honors Office prior to graduation.

Honors Program Scholar with Distinction: Students named Honors Program Scholars with Distinction, the highest Honors Program graduation designation, must satisfy the following requirements: (1) Overall GPA of 3.65 at graduation; (2) 4 semesters participation in the Honors

Program; and (3) at least 24 semester hours of Honors coursework with grades of A or B, including two different Honors experiences from the following: (a) Advanced Honors Colloquium, (b) Honors Undergraduate Research Participation (3 semester hours), (c) Independent Honors Study (3 semester hours), (d) Honors Thesis (3 semester hours), (e) being designated a Departmental Honors Scholar, or (f) satisfactorily completing an Honors Research Mentorship. This designation is indicated on student transcripts and diplomas following approval of a student application for this designation to the Honors Office prior to graduation.

Departmental Honors Scholar: Must be a member of the Honors Program in good standing at the time of graduation. Special academic work leading to a student in the Honors Program being designated as a Departmental Honors Scholar is available in all academic departments or schools in the University. The criteria for becoming a Departmental Honors Scholar vary from one department or school to another, ranging from a specific sequence of courses to writing and defending special theses or completing special research projects. Criteria for this designation are available in the Honors Program Office or in various departmental offices. This designation is indicated on student transcripts and diplomas following approval of a student application for this designation to the Honors Office prior to graduation.

CAMPUS HONOR SOCIETIES

Illinois State University sponsors numerous discipline-specific and general honor societies across campus, ranging from organizations which are solely honorific to those honor societies which offer service to the campus and community, giving students the opportunity to develop academic networks, and leadership and social skills. Honor societies specific to the various academic disciplines are sponsored by different academic departments at Illinois State, while general honor societies are sponsored at the college or university level. The Honors Program maintains information about honor societies on campus, and students interested in possibly becoming members should contact the appropriate society.

Honors Courses

IDS

102 HONORS COLLOQUIUM

1-4 sem. hrs.

Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme. May be repeated once for credit if topic is different.

202 ADVANCED HONORS COLLOQUIUM

3 sem. hrs.

Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program. May be repeated once if topic is different. Prerequisite: Junior standing or consent Honors Director.

225 NATIONAL COLLEGIATE HONORS EXCHANGE

1-6 sem. hrs.

Honors study for one semester at another university. Prerequisite: Participation in Illinois State Honors Program.

285 HONORS UNDERGRADUATE RESEARCH

1-3 sem. hrs.

Honors student assists a faculty member on the faculty member's research project. May be repeated. Prerequisite: Consent Director of Honors.

286 HONORS UNDERGRADUATE RESEARCH II

1-3 sem. hrs.

Continuation of IDS 285. May be repeated. Prerequisite: IDS 285.

299 INDEPENDENT HONOR STUDY

1-6 sem. hrs.

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination. Maximum of 6 hours may be applied toward graduation. Limit of 9 hours of IDS 299 and 395 combined may count toward graduation. Prerequisites: Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Consent instructor, department chair or school director, and Director of Honors.

395 HONORS THESIS

1-6 sem. hrs.

Intensive research in a special area of the student's major. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Maximum of 6 hours may be applied toward graduation. Limit of 9 hours of IDS 299 and 395 combined may count toward graduation. Prerequisites: Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Consent instructor, department chair/school director, and Director of Honors.

Additional Academic Opportunities

UNDERGRADUATE TEACHING ASSISTANTS

Undergraduate Teaching Assistantships (UTA) are available in nearly all departments of the University to juniors and seniors who have demonstrated excellence in a particular discipline and high overall scholastic achievement. The purpose of the program is to assist the faculty in the improvement of instruction and to provide UTAs with a valuable learning opportunity.

Undergraduate Research Assistantships (URA) are available in selected departments for students who have

demonstrated excellence in a particular discipline with significant potential in research. The purpose of the program is to work closely with faculty members and to provide students valuable opportunities for research.

The responsibilities and nature of the UTA and URA assignments are determined by the departments and colleges. Some departments provide the opportunity for credit to be earned by the UTA under a General Offerings course (291 Seminar: Undergraduate Teaching Assistants). Three hours is the maximum amount of this credit that may be allowed for graduation. Tuition and fees are assessed in the usual manner for all credit earned in the UTA and URA experiences. Application forms are available in the departmental and college offices.

UNDERGRADUATE RESEARCH

Research is considered a vital component in the development of undergraduates at Illinois State. All students have the opportunity and are encouraged to participate in scholarly research during their university experience.

Illinois State explicitly views research as more than the traditional concept of expanding basic knowledge, favoring a definition that requires the application of such knowledge in resolving societal problems. Students have the opportunity to work in collaboration with Distinguished Professors and Outstanding University Researchers. As is true for all research, undergraduate students should ensure that any research projects involving living human subjects have been approved by the Institutional Review Board (IRB). Research projects involving living animals require the approval of the Institutional Animal Care and Use Committee (IACUC). Research involving biohazards must be reviewed by the Institutional Biosafety Committee (IBC). If questions exist, discuss this with your faculty supervisor or contact Research Ethics and Compliance, Professional Development Building at (309) 438-8451.

Student research, scholarship, and creative accomplishment are showcased each spring in the Undergraduate Research Symposium sponsored by the Graduate School, Research and Sponsored Programs, Milner Library, and the Honors Program. Students must be enrolled and engaged in research under the direction of a faculty mentor.

The symposium recognizes and promotes student research, scholarship and creative achievement by providing a professional setting in which students present. For more information about the Research Symposium, please visit www.grad.ilstu.edu/symposium.

In addition to recognizing and encouraging research at the undergraduate level, this event will also provide professional advancement experience. Presenters at the symposium are eligible to apply for travel reimbursement for research presented at off-campus professional conferences. Funds are available through the Graduate School when matched by department/school funding.

International Study and NSE

INTERNATIONAL STUDIES AND PROGRAMS

301-311 Fell Hall, (309) 438-5276

Internationalstudies.IllinoisState.edu

The Office of International Studies and Programs (OISP) is the focal point for international activities at Illinois State University. The University's full scope of international activities - undergraduate, graduate, professional, research and training - are coordinated by this office.

The primary mission of OISP is to internationalize educational programs, research and training opportunities; hence advance the understanding of international and cross-cultural issues across campus and for the community at large.

International Student and Scholar Services: The mission of International Student and Scholar Services is to provide guidance and support to international students and scholars. The unit is responsible for immigration advise-ment and academic assistance and offers a variety of ser-vices for international students and scholars including an extensive orientation. The unit is also engaged in outreach through community-based organizations.

Management Development International (MDI): Management Development International conducts profes-sional certificate and diploma training programs, as well as custom-designed training programs, in a variety of fields for international clientele. Programs are offered on-site at Illinois State and at many other locations around the world.

International House: International House is a multicul-tural living and learning center for American and internation-al students at Illinois State. The primary responsibility of the International House Unit is to promote diversity among American and international students and to contribute to international understanding through commitment to develop-ing friendships, providing cultural learning opportunities and offering programs which extend these primary goals to the wider university and to the Bloomington/Normal community.

Unit for International Linkages: The Office of International Studies and Programs has established the Unit for International Linkages to increase scholarly activity and research throughout the world. The unit pursues and coordi-nates linkages with institutions in countries around the world.

National Student Exchange Programs

The National Student Exchange (NSE) provides an opportunity for undergraduate students to attend a mem-ber college or university in another state for up to two semesters while earning credit toward their home school's degree program. Illinois State is one of only three universities in the State of Illinois that participates in the NSE program. Such exchanges offer students the opportunity for cross-cultural interaction and exposure to geographic, economic and political diversity, as well as personal growth.

222 NATIONAL STUDENT EXCHANGE

12-16 sem. hrs.

Study for 1 semester or 1 year at another university, paying tuition and fees at Illinois State University. Prerequisites: Minimum of sophomore standing; 2.50 GPA. Participation in National Student Exchange program.

223 NATIONAL STUDENT EXCHANGE

12-16 sem. hrs.

Study for 1 semester or 1 year at another university, paying tuition and fees at that university. Prerequisites: Minimum of sophomore standing; 2.50 GPA. Participation in National Student Exchange program.

225 NATIONAL COLLEGIATE HONORS EXCHANGE

1-6 sem. hrs.

Honors study for one semester at another university. Prerequisite: Participation in Illinois State Honors Program.

Semester Study Abroad Programs

Study Abroad offers students opportunities that pro-vide cross-cultural interaction, exposure to geographic, economic and political diversity and a vehicle for personal growth and adaptation in a foreign environment. The unit provides year-round orientations, consultation and advise-ment, and follow-ups to assist students and program direc-tors on a continuous basis before, during and after their study abroad experience.

IDS

133 INTERDISCIPLINARY STUDY ABROAD

1-6 sem. hrs.

Study abroad. Specific topics and regions as approved and indicated by decimal and extended title. Formerly IDS 189. May repeat if content differs.

230 INTERNATIONAL EXCHANGE

12-15 sem. hrs.

Study for 1 semester or 1 year in another country.

CURTIN UNIVERSITY OF TECHNOLOGY, PERTH, WESTERN AUSTRALIA

12-15 sem. hrs.

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

EDITH COWAN UNIVERSITY, PERTH, WESTERN AUSTRALIA

12-15 sem. hrs.

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

GRIFFITH UNIVERSITY QUEENSLAND, AUSTRALIA

12-15 sem. hrs.

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

SALZBURG COLLEGE, SALZBURG, AUSTRIA 15-17 sem. hrs.

Semester/year program focusing on social sciences, busi-ness, communication, humanities, and fine arts. Elective and major field credit available. Courses taught in English.

**DALHOUSIE UNIVERSITY, HALIFAX,
NOVA SCOTIA - CANADA
12-15 sem. hrs.**

Semester/year program. A variety of undergraduate and graduate courses in Business are offered for elective and major field credit.

**UNIVERSITY OF HONG KONG, CHINA
12-15 sem. hrs.**

Semester/year program. A wide variety of courses are offered in English. Chinese language courses are available.

**BRIGHTON UNIVERSITY,
EASTBOURNE, ENGLAND
12-15 sem. hrs.**

Semester program. Elementary and Early Childhood Education Student Teaching. All programs are coordinated by Brighton University.

**CANTERBURY CHRIST CHURCH
UNIVERSITY, CANTERBURY, ENGLAND
12-15 sem. hrs.**

Semester program. Undergraduate courses in art, history, literature, culture, and geography.

**LEICESTER UNIVERSITY, LEICESTER, ENGLAND
15 sem. hrs.**

Semester/year program offering courses in a wide variety of undergraduate disciplines for major and minor credit.

**UNIVERSITY OF SUNDERLAND,
SUNDERLAND, ENGLAND
15 sem. hrs.**

Semester/year program. A wide variety of major/minor credits available.

**L'UNIVERSITE CATHOLIQUE, DE L'OUEST
D'ANGERS, ANGERS, FRANCE
15 sem. hrs.**

Semester/year program focusing on French language, culture and civilization.

**L'ECOLE SUPERIEURE DES SCIENCE
COMMERCIALES D'ANGERS,
ANGERS, FRANCE
12-15 sem. hrs.**

Spring program. A variety of undergraduate courses in Business and French language are offered for elective and major field credit.

**RHEINISCHE FRIEDRICH-WILHELMS
UNIVERSITAT, BONN, GERMANY
12 sem. hrs.**

Semester/year program. German language program open to juniors, seniors and graduate students. Prerequisites: Major/minor in German language and literature required; must have completed 211.13 and 213.13 before leaving for the program.

**UNIVERSITAT GESAMTHOCHSCHULE
PADERBORN, PADERBORN GERMANY
12-15 sem. hrs.**

Spring program offering Business courses in both English and German. Students will be enrolled in a three-month intensive German language course.

**L'ECOLE SUPERIEURE DES SCIENCE
COMMERCIALES, D'ANGERS
BUDAPEST, HUNGARY
12-15 sem. hrs.**

Semester/year program. A variety of undergraduate courses in Business are offered for elective and major field credit.

**UNIVERSITY OF LIMERICK,
LIMERICK, IRELAND
12-15 sem. hrs.**

Semester/year program offering courses in a wide variety of disciplines for major/minor field credit.

**SCUOLA LORENZO DE' MEDICI,
FLORENCE, ITALY
12-15 sem. hrs.**

Semester/year program. Italian language, business, communication, culture, civilization, art history, studio art. Courses offered in English. Major/minor field credit available in art.

**KANSAI GAIDAI UNIVERSITY,
HIRAKATA, JAPAN
14-17 sem. hrs.**

Semester/year program. A wide variety of courses are offered in English. Previous language experience not required. Intensive Japanese language courses available for Foreign Language credit.

**NAGOYA GAKUIN UNIVERSITY,
NAGOYA, JAPAN
15-17 sem. hrs.**

Semester/year program offering courses in Japanese Language and Civilization. Students must take an intensive Japanese language course.

**NANZAN UNIVERSITY, NAGOYA, JAPAN
15-17 sem. hrs.**

Semester/year program. A wide variety of courses are offered in English. Students must take 10 hours of intensive Japanese language.

**DONG AH INSTITUTE OF MEDIA AND ARTS,
ANSUNG CITY, KOREA
12-15 sem. hrs.**

Semester/year program. A variety of undergraduate courses in Communication are offered for elective and major field credit.

**MONTERREY INSTITUTE OF TECHNOLOGY
(ITESM), QUERETARO, MEXICO
12-15 sem. hrs.**

Semester/year program. A variety of undergraduate courses in Business are offered for elective and major field credit. Some graduate credit available.

**STIRLING UNIVERSITY,
STIRLING, SCOTLAND
15 sem. hrs.**

Semester/year program. Courses for major/minor field credit are available in many departments. Students take 3 courses per semester, each worth 5 credit hours.

**UNIVERSIDAD DE GRANADA,
GRANADA, SPAIN
12 sem. hrs.**

Semester/year program focusing on Spanish language, culture and civilization. Prerequisite: Completion of SPA 116, or equivalent.

**UNIVERSIDAD COMPLUTENSE
DE MADRID, MADRID, SPAIN**

12 sem. hrs.

Semester/year program focusing on Spanish language, culture and civilization. Prerequisites: Completion of SPA 116.15 or equivalent.

UPPSALA UNIVERSITY, UPPSALA, SWEDEN

15 sem. hrs.

Semester/year program offering courses in a wide variety of disciplines for maj/min field credit. Courses are taught in English. Special course in Swedish civilization offered during fall semester.

NATIONAL CHENGCHI UNIVERSITY (NCCU)

TAIPEI, TAIWAN

12-15 sem. hrs.

Semester/year program. A wide variety of courses are offered in English. Previous language experience not required. Intensive Mandarin Chinese language courses available for Foreign Language credit.

THAMMASAT UNIVERSITY

BANGKOK, THAILAND

12-17 sem. hrs.

Semester/year program. A variety of undergraduate and graduate courses in Business with specific emphasis on accounting, finance and banking, and marketing are offered for elective and major field credit.

NOTE: Summer programs all over the world give students the opportunity to earn 3-10 hours of credit. Consult with an advisor in International Studies for additional information.

Admission of international students is processed through the Office of Admissions at Illinois State University.

ENGLISH LANGUAGE INSTITUTE

English Language Institute is part of the College of Arts and Sciences. International student immigration and advising are coordinated through International Studies and Programs.

**Intensive English Program at
English Language Institute (Hudelson Building),
(309) 438-2072; email: ELI@IllinoisState.edu; or
Website: www.ELIilstu.edu**

Illinois State University's English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language with equal emphasis on both communicative and academic needs for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a satisfactory TOEFL score can be

admitted to a degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University. Most students live in the University's campus housing, which gives them a chance to interact with students of all backgrounds.

International applicants who meet all other academic criteria for admission but whose TOEFL score is less than 550 (paper-based), 213 (computer-based), or 79 (iBT) may be admitted to a degree program. In such cases, students will be *required* to attend courses at the English Language Institute (ELI) at their own expense and remain in the program until their English proficiency improves to the level required for University enrollment.

For further information, contact English Language Institute, Campus Box 6123; Fax: (309) 438-3031; phone: (309) 438-2072; Website: www.ELI.ilstu.edu; or email: ELI@IllinoisState.edu.

Preparation for Graduate School

PREPARATION FOR GRADUATE STUDY

While many graduates proceed immediately to the working world upon receipt of their bachelor's degree, others choose to pursue their education further.

Requirements for admission to advanced study vary according to the profession as well as among the schools. Thus, a student planning to enter a professional school should seek specific admission information from the school he or she plans to attend. Preparation for admission to a professional or graduate school consists of (1) a broad educational experience, (2) courses that meet the specific admission requirements of the school the student plans to attend, (3) major and minor subjects that allow for concentrated study in a field of interest and that provide an alternative career direction if it becomes desirable, (4) relevant work or research experience, and (5) standardized test scores, such as the GRE, GMAT, LSAT, MCAT, etc.

GRADUATE SCHOOL

309 Hovey Hall, (309) 438-2583

The Graduate School offers master's degree programs in most fields in which undergraduate programs are available. Doctoral degree programs are available in Audiology, Biological Sciences, Curriculum and Instruction, Educational Administration, English Studies, Mathematics Education, Nursing, School Psychology, and Special Education. A Specialist in School Psychology degree is offered as well as over 15 graduate certificates.

Students interested in graduate study at Illinois State should consult the *Graduate Catalog* for admission requirements and available programs. It is recommended

that undergraduates contemplating future education take the necessary standardized test in the early part of their senior year. These test scores, along with transcripts, usually are necessary not only for admission but to attain various forms of financial support, e.g., Graduate Assistantships. Further information also may be obtained from departmental/school offices or at www.grad.ilstu.edu.

Preparation for Professional Study

ENGINEERING

Illinois State University Physics Department directs a joint Engineering/Physics program shared with a partner engineering university such as the University of Illinois or Bradley University. Students begin at Illinois State and transfer to their chosen partner engineering university after completing 90 semester hours. Students receive a B.S. in Engineering from the partner university upon completion of their Engineering requirements. They receive a second B.S. in Physics from Illinois State upon transferring back 30 approved hours from the engineering university. Students major in Engineering Physics while at Illinois State.

The Engineering Physics program is listed under the Physics programs section of the Undergraduate Catalog. Engineering Physics majors benefit from small class size and close student-faculty interactions in the Physics Department. This five-year program offers greater depth than the average engineering curriculum and provides students with the additional problem solving and scientific foundations needed to design the rapidly changing technologies of the future. Due to the sequential nature of engineering curricula, it is important that appropriate course selections be made. Interested students should contact the Department of Physics at (309) 438-8756 or info@phy.ilstu.edu early in their academic careers for help in developing an appropriate plan of study.

LAW

Law schools do not require any specific courses or undergraduate majors. A committee of the Association of American Law Schools has recommended that the prelaw student keep in mind three basic objectives in planning an undergraduate program: education for articulate oral and written expression; education for greater understanding of human institutions and values; and education to develop the skills of conceptual analysis. The committee has emphasized the need for a broad, liberal education that develops the student's intellectual interests rather than an education directed too pointedly toward later professional training and practice.

Students planning to apply for admission to law school should consult the University's prelaw advisor, Dr. Robert C. Bradley, Department of Politics and Government, (309) 438-8944, for information about the Law School Admissions Test and for assistance in selecting and applying to suitable law schools.

HEALTH PROFESSIONS

Students who plan to apply to professional school usually major in one of the departments in the College of Arts and Sciences, but they can major in any subject with careful planning. Majors in Biological Sciences or Chemistry usually are elected because several specific preprofessional course requirements can be applied toward a major in these fields. However, a major in any one of a number of other departments in the College is appropriate for many students who have a specific career goal in mind. Economics, foreign languages, mathematics, physics, psychology, sociology, and speech pathology and audiology are several examples of academic areas that have application to specialties within the health professions.

Minimum admission requirements to colleges of medicine, dentistry, and veterinary medicine are discussed below. Further information about admission procedures to these and other health-related professional colleges can be obtained by contacting the preprofessional advisor in the School of Biological Sciences, (309) 438-8252 or by going on line to www.bio.ilstu.edu.

Medicine: Admission requirements of individual medical colleges are set forth in *Medical School Admissions Requirements—United States and Canada*. Orders for this book should be addressed to:

Association of American Medical Colleges
2450 N. Street, NW
Publications Department
Washington, DC 20037-1129

To order by phone: (202) 828-0416, fax (202) 828-1123, or on the Website: at www.aamc.org.

Specific course requirements of medical schools in the state of Illinois can be met by taking the following courses:

Chemistry 140, 141, 230, 231, 232, and 233
Biological Sciences 196, 197
Physics 108, 109
Behavior Sciences (9 hours)
English and Speech (9 hours)
Mathematics 145, 146 are recommended

Other specific course requirements usually are met by completion of the General Education program. It should be understood that a careful selection of general education and elective courses beyond the specific admission requirements can make the applicant more competitive.

Although a few students are accepted for enrollment in medical college after completion of 90 semester hours, they are distinct exceptions. Most students should anticipate the completion of the requirements for a bachelor's degree with the following approximate timetable:

1. Completion of specific course requirements by the end of the junior year.
2. Medical College Admission Test taken in the spring of or the summer following the junior year.

3. Medical College application process begun in June, preceding senior year.

Dentistry: Admission policies of individual dental schools are set forth in *Official Guide to Dental Schools*. Book orders should be addressed to:

American Dental Education Association
1625 Massachusetts Avenue, NW
Washington, DC 20036-2212

To order by phone: (202) 667-9433 or on the Website:
www.adea.org

In addition to the completion of the General Education program, the following courses would meet the minimum specific course requirements for Illinois dental schools:

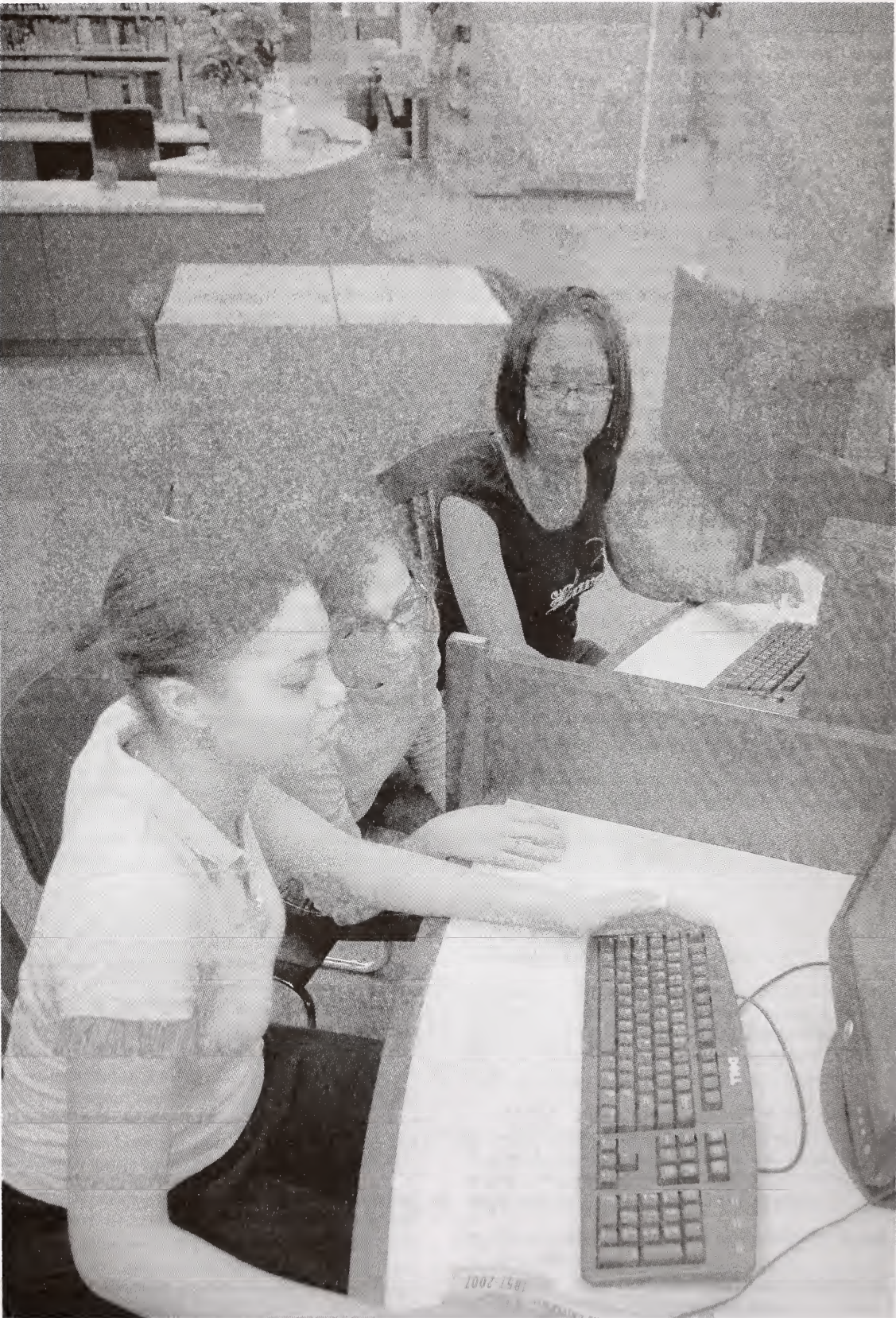
Chemistry 140, 141; CHE 230, 231; 232-233; 242 or 342.
Biological Sciences 196, 197
Physics 108, 109

Most students enter dental school after three or four years of preprofessional studies. The minimum requirement for admission to dental schools in the state of Illinois is two years of college, even though most such applicants are unsuccessful. It is therefore advised that students anticipate at least a three-year program with the following timetable:

1. Completion of biology and chemistry course requirements by the end of the sophomore year.
2. Dental Admission Test taken in April of the sophomore year or by October of the junior year.
3. Dental college application process is begun in the summer preceding the junior year.

Veterinary Medicine: Illinois residents find it exceedingly difficult to gain admission to colleges of veterinary medicine outside the state. Students should therefore direct their attention largely to the admission policies of the University of Illinois College of Veterinary Medicine.

Specific course requirements: 5 semesters of biology with laboratory, including 3 semesters of 200- or 300-level courses; 4 semesters of chemistry, including organic chemistry and biochemistry; 2 semesters of physics; 2 semesters of English; 4 semesters of humanities and social sciences. One semester of animal science is recommended. Some two-year students are accepted, but the majority of successful candidates have 3 or 4 years of preprofessional study. Students are therefore advised to plan their program for completion of the requirements for admission to veterinary college by the end of the sophomore year. A four-year program leading to a bachelor's degree should be anticipated in the event that early application to veterinary college is not successful.



ACADEMIC POLICIES AND PRACTICES

Degree Requirements

GENERAL REQUIREMENTS FOR GRADUATION

The following graduation requirements apply to all students. Meeting graduation requirements is the individual responsibility of each student. The student and advisor should check the student's program of courses frequently to ensure that the student is fulfilling the following graduation requirements (all references to hours indicate semester credit hours).

A. Total Hours: The actual hour requirement for an undergraduate degree varies by the program or combination of programs that a student elects. A student must have a minimum of 120 hours of credit acceptable toward graduation. Some courses may not count toward graduation. These restrictions are noted in the course descriptions. Some curricula or combinations of fields require additional hours. If all specified requirements are completed with fewer than 120 hours, a student must elect sufficient additional course work to total at least 120 hours.

B. Specific B.A./B.S. Requirements: There are a variety of baccalaureate degrees. Students graduating from B.A. or B.S. degree programs must meet specific requirements beyond major and other graduation requirements. A student pursuing the B.A. degree will acquire knowledge of a foreign language as demonstrated by successful completion of LAN 115 (or the equivalent). A student seeking a B.A. degree takes LAN 115 in place of Middle Core Quantitative Reasoning. A student pursuing the B.S. degree will complete a three-hour natural science, mathematics, statistics, or technology (SMT) course beyond General Education requirements. (See Degree Programs.)

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have successfully completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

C. General Education: There are three ways to complete General Education requirements at Illinois

State University. The first way is to complete Illinois State's General Education Program. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program, designed for transfer students, is a statewide agreement between participating colleges and universities and some private schools that is designed to facilitate timely degree completion. The third way is to complete a baccalaureate-oriented Associates Degree (A.A. or A.S.) from a regionally accredited post secondary institution. The holder of an A.A. or A.S. degree is admitted to Illinois State University with junior standing and all General Education requirements completed. (see Degree Programs)

D. Major-Minor Options: Each candidate for B.S. or B.A. degrees must complete a major field of study. Completion of a second major, a minor, or a second minor is optional unless specified by the student's major. A teacher education student who is a candidate for a B.S., B.A., B.S. in Ed., or B.M.E. degree must complete professional education requirements and a major approved for teacher education. Some teacher education programs require the completion of requirements for a second teaching field. A student may count no more than nine hours from a major toward a minor within the same department or school. This policy applies to both first and second majors and minors.

Note: Students completing requirements for two majors concurrently are eligible to receive only one degree. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements.

E. Senior College Hours: The senior college hours (courses numbered 200 or above) must total at least 42 hours. Coursework transferred from other colleges and universities is not counted as senior college credit if freshmen and sophomores are regularly permitted to enroll in such work. No credit from two-year colleges may be counted as senior level.

F. Grade Point Average: The grade point average for all courses taken at Illinois State University must be 2.00 (C) or higher. In addition, the student must have a grade point average of 2.00 (C) (or higher as required by certain programs) in the courses required in the major, and the minor if the student has a minor.

G. Removal of Incompletes: A student may not graduate with incomplete grades. Each Incomplete grade (I) must be removed at least six weeks before December or May graduation, or two weeks before August graduation.

- H. **Residence Requirements:** Unless otherwise specified in a specific program, at least 30 of the last 60 hours completed toward the baccalaureate degree must be earned at Illinois State.
- I. **Time Limit for Courses as Prerequisites:** Because disciplinary knowledge advances and course content changes as a consequence, some courses taken seven or more years prior to an advance registration period will not automatically be accepted as prerequisites for other courses. When a department or school determines that applicability of a course will lapse, it will designate this in the prerequisite listing as "taken within *x* years." For example, for MAT 146, the prerequisites might read "C or better in MAT 145 taken within 10 years required."
- J. **Global Studies Requirement:** Every student graduating from Illinois State University must have successfully completed a course designated as a course in the cultures and traditions of societies or peoples from Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World. Such designations are located in course descriptions.
- K. **Professional Practice and Independent Study:** A student may count no more than 16 hours of professional practice courses (198, 298, 398) toward graduation. Some programs allow fewer than 16 hours. A student may count no more than 6 hours of independent study (287) credit toward graduation.

BACCALAUREATE DEGREE PROGRAMS

Undergraduate degrees available at Illinois State University include the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education and Bachelor of Social Work degrees. When applying for graduation, the student indicates the specific degree which he or she is qualified to receive.

Note: Students completing requirements for two majors concurrently are eligible to receive only one degree. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements. Requirements are specified for each degree below.

Statement of Purpose for the Bachelor of Arts (B.A.) Degree: The Bachelor of Arts degree provides for the acquisition of written and oral communication skills, creative thinking, abilities in the critical analysis of texts, the understanding of cultures, and a working knowledge of social, political, and historical contexts. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed toward the humanities, arts, and selected areas of the social sciences disciplines.

Statement of Requirements for the Bachelor of Arts (B.A.) Degree: General Education requirements,

general requirements for graduation, and knowledge of a foreign language as demonstrated by successful completion of LAN 115 (or the equivalent). A student seeking a B.A. degree takes LAN 115 in place of Middle Core Quantitative Reasoning.

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have successfully completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

Statement of Purpose for the Bachelor of Science (B.S.) Degree: The Bachelor of Science degree provides for the acquisition of oral and written communication skills and the acquisition of analytical skills for examining and solving problems. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed towards the natural sciences, mathematics, statistics, or a technological field.

Statement of Requirements for the Bachelor of Science (B.S.) Degree: General Education requirements, general requirements for graduation, and increased knowledge of the natural sciences, mathematics, statistics, and/or technology. This knowledge is demonstrated by the successful completion of a three-hour course, beyond those required for General Education, selected from an approved list of courses that involve natural sciences, mathematics, statistics, and technology (SMT).

Statement of Purpose for the Bachelor of Science in Education (B.S. in Ed.) Degree: The Bachelor of Science in Education degree encourages acquisition of communication skills, development of analytical skills for examining and solving problems, and the understanding of cultures with special emphasis on application to the art and science of teaching. The degree is typically pursued by students interested in the teaching profession.

Statement of Requirements for the Bachelor of Science in Education (B.S. in Ed.) Degree: General Education requirements, general requirements for graduation, and increased knowledge and skills related to professional standards established by the National Council for the Accreditation of Teacher Education (NCATE) through the successful completion of professional education requirements and approved teacher education major requirements.

Statement of Purpose for the Bachelor of Science in Nursing (B.S.N.) Degree: The Bachelor of Science in Nursing degree provides graduates with knowledge and skills in communication, critical thinking for analyzing and solving problems, and an understanding of the societal changes that impact health care. Courses from the

humanities, psychology, physical and social sciences, as well as the use of technology, provide a foundation for scientific inquiry and application of nursing knowledge and theories to diverse populations and settings.

Statement of Requirements for the Bachelor of Science in Nursing (B.S.N.) Degree: General Education requirements, general requirements for graduation, and nursing field of study requirements.

Statement of Purpose for the Bachelor of Fine Arts (B.F.A.) Degree: The Bachelor of Fine Arts degree encourages the acquisition and display of talent in the arts, with special emphasis on aesthetic performance and understanding. The degree is typically pursued by individuals interested in the creative and fine arts.

Statement of Requirements for the Bachelor of Fine Arts (B.F.A.) Degree: General Education requirements, general requirements for graduation, and art field of study requirements for B.F.A. degree.

Statement of Purpose for the Bachelor of Music (B.M.) Degree: The Bachelor of Music degree encourages the acquisition and display of talent in music, with special emphasis on aesthetic performance and understanding. This degree is typically pursued by individuals interested in music performance.

Statement of Requirements for the Bachelor of Music (B.M.) Degree: General Education requirements, general requirements for graduation and music field of study requirements for B.M. degree.

Statement of Purpose for the Bachelor of Music Education (B.M.E.) Degree: The Bachelor of Music Education degree encourages the acquisition and display of talent in music, with the special emphasis on teaching music. This degree is typically pursued by individuals interested in becoming music teachers.

Statement of Requirements for the Bachelor of Music Education (B.M.E.) Degree: General Education requirements, general requirements for graduation, music field of study requirements for B.M.E. degree, and professional education requirements.

Statement of Purpose for the Bachelor of Social Work (B.S.W.) Degree: The B.S.W. encourages acquisition of communication skills, development of analytical skills for examining and solving problems; and the understanding of social, cultural, and legal structures with special emphasis on application to the profession of social work. The degree is pursued by all undergraduates in the School of Social Work and is recognized as the first professional degree in the field that prepares undergraduate students for beginning generalist social work practice.

Statement of Requirements for the Bachelor of Social Work (B.S.W.) Degree: General Education requirements, general requirements for graduation, and Social Work major requirements.

BACHELOR OF SCIENCE GRADUATION REQUIREMENTS IN SCIENCE, MATHEMATICS AND TECHNOLOGY

Students with a B.S. degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from inner core courses in mathematics and/or science, approved natural science alternative courses, or middle core courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the inner or middle core courses that count as prerequisites.

The courses on the following list meet the graduation requirement for **Science, Mathematics and Technology**.

AGR 157 Soil Science
 AGR 203 Agriculture and the Environment
 AGR 271 Foods of Animal Origin
 AGR 282 Physiology of Farm Animals
 AGR 315 Financial Management and Analysis of
 the Agribusiness Firm
 AGR 363 Agricultural Statistics
 BSC 145 Human Biology
 BSC 160 Microbiology and Society
 BSC 170 Genetics and Society
 BSC 201 Ecology
 BSC 202 Human Ecology
 BSC 211 Economic Botany
 BSC 219 Genetics
 BSC 222 Plant Diversity
 BSC 223 Ecology and Identification of Plants
 BSC 292 Invertebrate Zoology
 BSC 295 Comparative Vertebrate Anatomy
 CHE 141 General Chemistry II
 CHE 204 Chemistry of Life
 CHE 220 Elementary Organic Chemistry
 CHE 230/231 Organic Chemistry I
 CHE 280 Environmental Chemistry
 ECO 138 Economic Reasoning Using Statistics
 ECO 238 Using Regression and Econometric Methods
 FIL 240 Business Finance
 GEO 138 Quantitative Reasoning in the Geosciences
 GEO 202 Evolution of the Earth
 GEO 207 Natural Disasters
 GEO 211 Earth's Dynamic Weather
 GEO 280 Mineralogy
 HSC 201 Pathophysiology I
 ITK 115 Reasoning About Complex Systems
 ITK 165 Computer Programming for Scientists
 KNR 282 Biomechanics of Human Movement
 MAT 121 Applied Calculus
 MAT 146 Calculus II
 MAT 147 Calculus III
 MAT 160 Elementary Discrete Mathematics
 MAT 175 Elementary Linear Algebra
 MQM 100 Statistical Reasoning
 MQM 227 Operations Management
 PHI 112 Language, Logic, and Mathematics
 PHY 109 College Physics II
 PHY 111 Physics for Science and Engineering II
 PHY 117 Numerical Reasoning in Nature and Technology
 PHY 205 Origin of the Universe
 PHY 206 Chaos and Complexity
 PHY 207 Energy and Society
 POL 138 Quantitative Reasoning in Political Science
 PSY138 Reasoning in Psychology Using Statistics
 PSY 340 Statistics for the Social Sciences
 SOC 275 Social Statistics
 TEC 111 Fundamentals of Power Technology
 TEC 143 Introduction to Electronics For Data
 Communication
 TEC 313 Quality Systems for Technology

GLOBAL STUDIES GRADUATION REQUIREMENT

Students must have completed at least one course in Global Studies (that is, cultures and traditions of Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World), which must meet the following criteria: (a) the course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75% of the course content must deal directly with the culture(s) from these regions); (b) exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between the culture(s) under consideration and cultures and traditions of America; and (c) the course includes exposure to primary writings and artifacts from the culture(s).

The courses on the following list meet the graduation requirement for **Global Studies**.

ANT 185 Cultures of the World*
 ANT 270 Cross Cultural Perspective of Women, Sex
 Roles, and Gender
 ANT 283 North American Archaeology
 ART 140 Introduction to the Arts of the
 Americas, Africa, and the South Pacific
 ART 275 World Arts: Visual Arts*
 CJS 369 World Criminal Justice Systems
 ENG/LAN 206 Cultural Expressions in Social Contexts: Women
 of Asia, Latin America and Africa*
 GEO 135 World Geography*
 GEO 140 Human Geography
 GEO 235 Geography of Emerging Areas*
 HIS 104 History of Asia, Middle East, Africa,
 Latin America, or Indigenous Peoples*
 HIS 263 Modern Mexico
 HIS 265 African Civilization
 HIS 266 Modern Africa
 HIS 275 History of Japanese Civilization
 IDS 203 Nations and Narrations*
 LAN 244.15 Cultura Hispanoamericana
 MUS 153 Black Music I*
 MUS 154 Black Music II*
 MUS 275 World Arts: Music*
 PHI 207 Indian Philosophy
 PHI 208 Buddhist Philosophy
 POL 140 Introduction to the Politics of Africa, Asia, and
 Latin America*
 POL 151 Introduction to International Relations
 POL 240 Latin American Politics
 POL 245 Asian Politics
 POL 246 African Politics
 POL 247 Middle Eastern Politics
 POL 345 Topics in Asian Politics
 POL 349 Topics in Middle East Politics
 THE 275.01 World Arts: Theatre*
 THE 275.02 World Arts: Film*

*Global Studies courses approved for Outer Core.

GRADUATION PROCEDURES

Application for Graduation: During the early part of his or her senior year, the student must submit an Undergraduate Application for Graduation to Student Accounts, Campus Box 1210, Normal, IL., downloaded from the following website address: IllinoisState.edu/icampus. Each student should apply for graduation on or before the date specified in the Office of the University Registrar Calendar found at www.registrar.ilstu.edu. The student pays a \$25 graduation fee when applying for graduation, unless the fee is covered by an approved scholarship.

Academic Progress Summary: The Academic Progress Summary (APS) is an assessment of the undergraduate student's academic progress toward completion of requirements for the bachelor's degree. This summary may be requested by the student with a photo I.D. at the University Registrar Service Center, 107 Moulton Hall, Campus Box 2202 or by viewing *Progress Towards My Degree* on iCampus.

For those programs requiring special audit considerations, a senior evaluation will be prepared after the student has submitted the Undergraduate Application for Graduation.

To determine specific program requirements (in addition to the general requirements for graduation stated above), students should consult the following sections of the *Undergraduate Catalog*: (1) the General Education requirements; (2) the specific requirements for the major and minor fields of study; and, if the student seeks teacher certification, (3) the University-wide Teacher Education program requirements in the *Undergraduate Catalog*.

Double Majors: Students completing requirements for two majors concurrently are eligible to receive only one degree. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements.

Commencement: Degrees are conferred and diplomas awarded after the close of each semester and the summer session. Commencement exercises are held in December and May at the end of the semester. Undergraduate students completing degree requirements during the fall semester participate in Commencement exercises in December; students completing degree requirements during the spring semester or at the close of the summer session following May Commencement may participate in Commencement exercises in May. Undergraduate students who are eligible to graduate and want to walk across the stage in their commencement ceremony must check YES on the Undergraduate Application for Graduation and submit it by the published deadline. An application must be on file and the graduation fee paid by the deadline to participate in the commencement ceremony. **Note:** Students participating in Commencement will walk with the college in which their primary major resides.

For more information regarding Commencement, please visit the Commencement Website at www.commencement.ilstu.edu.

Degrees with Honor Distinction: A student must have completed at least 50 semester hours at Illinois State University to be eligible for a degree with honor distinction. Students who have an accumulated GPA of 3.90 through 4.00 are graduated summa cum laude; those with a GPA of 3.80 through 3.89 are graduated magna cum laude; and those with a GPA of 3.65 through 3.79 are graduated cum laude. Diploma and transcript notations of graduation with cum laude, magna cum laude, and summa cum laude honors are based on the cumulative GPA after the student's final graded semester.

Honor Distinction at Commencement: In order to be recognized with an academic honor (summa, magna, cum laude) distinction at Commencement, students must have completed at least 50 semester hours at Illinois State University and have a qualifying GPA (refer to Degrees with Honor Distinction), both based on the semester prior to Commencement. For example, students graduating in May or August must have both hours and GPA completed in the previous fall semester. Students meeting these requirements wear an honor cord as part of their academic regalia at Commencement, and their names will appear in the Commencement program with the honor denoted. Diploma and transcript notations of graduation with cum laude, magna cum laude, and summa cum laude honors are based on the cumulative GPA after the student's final graded semester.

Honors Program Designation at Commencement: The following Honors Program designations are recognized in the Commencement program: Honors Program Scholar, Presidential Scholar, Honors Program Scholar with Distinction, and Departmental Honors.

Students are recognized for these awards in the Commencement program if they fulfill individual designation requirements; the cumulative GPA from the semester prior to graduation is used to evaluate eligibility for the designations as well as course and hour requirements that have been completed or are in progress. Students graduating in May or August who participate in May Commencement are evaluated based on the cumulative GPA at the end of the previous fall semester; students graduating in December who participate in the December Commencement are evaluated based on the cumulative GPA at the end of the previous summer session.

Transcript and diploma (as applicable) notations of these designations are based on the cumulative GPA after the student's final semester and the successful completion of designation requirements.

Students who have been awarded the Robert G. Bone Scholarship are also recognized in the Commencement program.

Diplomas: Diplomas are issued to students after completion of all degree requirements, including major(s), minor(s), general education, professional education, if

applicable, and other specific degree requirements. Students completing requirements for two majors concurrently are eligible to receive only one degree. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements. Majors are not printed on the diploma; however, all majors and minors are printed on the official transcript.

General Academic Policies

COURSE REGISTRATION AND WITHDRAWAL

Course Registration: Students at Illinois State University register through the iCampus Portal at www.icampus.ilstu.edu. Help with registration may be obtained at the University Registrar Service Center, 107 Moulton Hall, or by calling (309) 438-2188. For office hours visit the Website at www.registrar.ilstu.edu.

A student at Illinois State University is responsible for following registration procedures to assure valid registration for courses. Work taken in a given session must be registered for in that session. A student may not attend a class for which they are not properly registered. A correct registration is each student's individual responsibility. The University reserves the right to void the registration of any student who becomes ineligible for enrollment.

Registration may be accomplished during the advance registration period or the additional registration periods prior to the start of the semester. New freshman may register during the summer Preview Program and new transfer students may register during the Transfer Days Program. Students are encouraged to register during these programs because of the wider selection of courses open to them at that time. They may also register just before the opening of the semester. For advance registration, the date and time of registration will be available on the iCampus Portal approximately one week prior to advance registration.

Course Registration Changes: A student who is already registered for a particular semester and desires to change his or her schedule before the deadline for doing so should follow the instructions available on the Registrar's Website at www.registrar.ilstu.edu.

Withdrawal Policy—Dropping a Course or Courses: Students are strongly advised to complete all courses in which they enroll and are encouraged to avoid withdrawing from any course after the program change period unless absolutely necessary.

The following policy applies to students who drop a course or courses but maintain an enrolled status within the University: A student may withdraw from a course during the program change period without the withdrawal being shown on the transcript. (A student should consult the Registrar's website at www.registrar.ilstu.edu to obtain specific dates.)

After the tenth day of classes, but prior to the end of the eighth week of classes during any regular semester, a student with photo identification may withdraw from a full semester course by reporting to the the University Registrar Service Center, 107 Moulton Hall. Course withdrawal deadline information can be found on the Registrar's website at www.registrar.ilstu.edu.

A student should consult the University Registrar Service Center for questions regarding refunds and for specific withdrawal dates during any instructional term. For courses taken during a term lasting less than a regular semester, a proportional withdrawal period will apply.

A grade of F will be given to students who (1) fail to withdraw officially from a course in compliance with the above procedure, or (2) register for a course but do not complete course requirements.

Upon the written recommendation of a licensed physician or clinical psychologist, or in other unusual circumstances, a student may be granted permission to withdraw officially from a course for medical, psychological, or other similar reasons after the official withdrawal period upon receiving approval from the University Registrar, or his designee. If approval is granted, a grade of WX will be awarded.

Withdrawal Policy—Dropping All Courses: The following policy applies when a student drops all courses in which he or she is enrolled, which is known as withdrawal from the University. Students are strongly advised to complete courses in which they are enrolled and not to withdraw from the University unless absolutely necessary.

Before the end of the twelfth week of classes during any regular semester, a student reports to the University Registrar Service Center in 107 Moulton Hall or writes to the Office of the University Registrar at Campus Box 2202 to withdraw from the University.

If a student's written request to withdraw from the University is granted, all grades will be assigned in the same manner and under the same provisions as the regular course withdrawal guidelines. The instructor of each course assigns a WX or letter grade as appropriate depending on the date and circumstances of withdrawal. If medical or other reasons make it impossible for the student to follow the usual procedures, a letter requesting withdrawal that explains the situation, with appropriate documentation and the student's signature, will be sufficient. Withdrawals made by mail are addressed to Office of the University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, or by fax to (309) 438-8652.

Regardless of the circumstances of withdrawal, the student is responsible for returning any laboratory equipment and library materials and paying for any parking fines. The student must contact the University Housing Services to obtain clearance from room and board obligations and to arrange for vacating the residence hall room. The student should arrange with the Financial Aid Office

to place any scholarship on leave or cancel it and make arrangements for future financial assistance. Arrangements for payment of loans must be made in the Office of Student Accounts. Consult the Office of Student Accounts for information on refunds.

A grade of F will be given to students who (1) do not attend their courses but fail to withdraw from the University before the specified final withdrawal date, and to students who (2) register for a course but do not complete course requirements. In unusual cases, exceptions may be granted by the University Registrar.

Repetition of Course(s) Requirements: If a student completes a course, or drops a course after the tenth day of classes receiving a grade of WX, he or she may repeat that course once. For students receiving a letter grade of B, C, D, or F, the course repetition must occur at Illinois State University and may not be taken under the credit/no credit (pass/fail) option.

Students seeking to repeat a course a second time (a third enrollment) must obtain permission from their academic advisor who will submit a substitution waiver form to the University Registrar for final approval. When a course has been repeated at Illinois State University, the most recent grade (A, B, C, D, F) that the student earns will replace the previous grade in the cumulative GPA calculation. A grade of WX will not replace the previous grade.

The previous grade(s) will not be removed from the student's transcript, and the credit hours from only the last attempt can be used toward meeting minimum hourly requirements. Students repeating a course to improve their GPA should be aware that many professional and graduate schools recalculate GPAs to include all courses attempted.

Cross-listed Course Policy: Cross-listed courses are offered by more than one department or school, but treated as one course for credit purposes. A cross-listed course will be considered as one course regardless of the department or school through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

Course Load Requirements: A full-time undergraduate student carries between 12 and 17 hours. For enrollment verification purposes, 12 hours is considered full-time for undergraduate students. A student wishing to carry more than 17 hours in a semester may seek permission to do so from the chairperson or director of his or her major department or school (or their designees). The granting of this permission will depend on the student's scholastic record. A freshman may not carry over 17 hours during his or her first semester.

A student considering enrolling in any classes, including extension or correspondence, at another college or university with concurrent registration at Illinois State University should consult with his or her advisor.

Summer Academic Opportunities: The University is operated on the semester plan and provides, in addition

to its fall and spring semesters, a summer session with courses of varying lengths, and a variety of short-term offerings. Courses are also offered off campus. Limited student teaching and internship positions are available during the summer session. Prospective students may obtain information on summer course availability, and other information for the session at the Registrar's website. Summer session students should refer to the *Undergraduate Catalog* and *Graduate Catalog* for academic requirements. Admission to the University can be arranged on a summer only basis. Further information can be obtained by writing to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, or by calling (800) 366-2478.

Evening and Off-Campus Classes: In addition to courses offered during the regular school day, evening and weekend classes are scheduled both on campus and off campus. For courses offered by Illinois State University, no differentiation is made between credits earned on campus and off campus. Inquiries concerning off-campus classes should be directed to the Office of the Provost, (309) 438-7018. Non-credit workshops, seminars, and conferences are scheduled by the Illinois State Conferencing Unit, (309) 438-2160.

FINAL EXAMINATIONS

Students who have no more than two final examinations on the same day will be expected to take these examinations as scheduled. A student concerned about having more than two examinations scheduled for the same day should address this concern prior to finals week: (1) The student brings a photo ID to the University Registrar Service Center, Moulton Hall 107, to request a form verifying that more than two finals are scheduled on the same day, and (2) the student then shares this form with the instructor when requesting an exam be moved to a different date.

Students who are unable to take an examination due to emergencies such as illness or injury, or religious reasons should notify their instructor as soon as possible (in advance, in the case of religious reasons) and make acceptable alternative arrangements. If an instructor does not consider an excuse for missing a scheduled examination for the student, the student may appeal the action to the department chair.

UNIVERSITY GRADING SYSTEM

Course Grades: Instructors assign a grade in each course for which the student is registered. The course instructor is responsible for correcting any error in grading.

The grade point equivalents are 4 for A, 3 for B, 2 for C, 1 for D, and 0 for all other grades. The 0 value of F as well as WF is computed in the student's grade point average (GPA). The 0 value of grades I, AU, CR, CT, NC, and WX is not computed in the student's GPA. University grades assigned undergraduate courses are:

- A Excellent
- B Good
- C Satisfactory

- D Poor, But Passing
- F Failing—Assigned to students who are (1) enrolled in a course all semester but fail to earn a passing grade, or who (2) stop attending a class without officially withdrawing
- WX Withdrawal—Assigned to students who officially withdraw from a course before the quality of work can be determined and before the dates specified in the withdrawal policy
- I Incomplete
- AU Audit
- CR Credit—Assigned to students who do satisfactory work in a course which is offered on a Credit/No Credit basis only
- CT Credit—Assigned to students who earn an A, B, or C grade in a course which they have elected to take under the Credit/No Credit (CT/NC) option
- NC No Credit—Assigned to students who (1) do not do satisfactory work in a course which is offered on a Credit/No Credit (CR/NC) basis only and to students (2) who do not earn an A, B, or C grade in a course that they have elected to take under the Credit/No Credit (CT/NC) option

Incomplete: An incomplete (I) will be assigned to a student who is doing passing work but finds it impossible, because of reasons beyond her or his control (such as illness), to complete the required work by the end of the term. The student must have attended class to within three weeks of the close of the semester or to within one week of the close of the summer session.

The instructor may specify the time by which the required work must be completed, which may be no later than the final class day of the corresponding term of the following academic year. For graduating students, an incomplete grade must be removed at least six weeks before December or May commencement or two weeks before August graduation. **Students will not be allowed to graduate with Incompletes on their record.**

When the Incomplete is assigned, the student, faculty member, and the department chairperson or school director must sign an Incomplete Permit form. The form will specify the date by which the work must be completed, the default grade (A, B, C, D, or F) that will be assigned if the work is not completed by the specified date, and the nature of the required work. If the instructor fails to file the appropriate grade change by the specified date, the Incomplete will lapse to the default grade specified. Exceptions to this policy may be granted by the University Registrar.

Auditors: An auditor does not participate in the activity of the class but is expected to attend regularly. A student may register as an auditor in a class or classes if space is available. An Audit (AU) designation will appear on the student's transcript when the instructor certifies that the student has attended the class on a regular basis. If the student has not attended regularly, a WX will be recorded on the tran-

script after the instructor has notified the Registrar's Office in writing that the student has not attended regularly. To audit, a student must obtain a Request for Auditor Registration from the University Registrar Service Center or download it at www.registrar.ilstu.edu/forms, have the instructor sign it and present the form at the University Registrar Service Center. Students must register to audit a course by the tenth day of classes in the semester, with any exception having the approval of the chairperson of the department or director of the school in which the course is offered and the University Registrar. There is a fee for auditing. Audited courses are considered part of the student's total load.

Credit/No Credit Courses: Certain courses in the University are offered on a Credit/No Credit (CR/NC) basis only. For these courses, students receive a grade of CR (Credit) or NC (No Credit). The offering of a particular course on a CR/NC basis only must be approved in advance by the Office of the Provost.

Credit/No Credit Student Option (commonly called Pass/Fail): An undergraduate student (except a first-semester freshman) who is not on academic probation may choose to register in some courses under the option that allows the student to be graded on the basis of CT (Credit) or NC (No Credit) rather than on the basis of A, B, C, D, or F grades.

This CT/NC option is designed to encourage students to enroll in courses they otherwise would not take. Some courses, therefore, including those in a student's major or minor, may not be taken on the CT/NC option. Exceptions include courses in the student's major or minor field that are offered only as credit/no credit (CR/NC) courses. No more than six semester hours of work under the CT/NC option may be taken each semester, with a maximum of 25 semester hours under the CT/NC option presented for graduation. Although an entry of CT (credit earned under the option) or NC (no credit earned under the option) will be entered on the student's record, these entries are not used in computing the student's GPA.

No Inner Core or Middle Core course in the General Education Program may be taken under the CT/NC option.

Students who plan to enter graduate or professional schools should exercise caution in taking courses under the CT/NC option because courses completed on a pass-fail basis may adversely affect graduate admission opportunities. Such students should consult their academic advisor prior to taking courses on a pass/fail basis.

A grade of CT is recorded when the grade submitted by the instructor is A, B, or C. A grade of NC is recorded when the grade submitted by the instructor is D or F.

Students electing the CT/NC option should do so as part of the regular registration process. Students may not elect the option after the tenth day of classes in the semester. Students who have elected the CT/NC option may return to the letter basis of grading before the last date for withdrawing from a course, as specified on the Registrar's Website at www.registrar.ilstu.edu.

Grade Point Average: To be eligible for graduation, a student must have a minimum grade point average (GPA) of 2.00 (C) in all courses taken at Illinois State University for which grades of A, B, C, D, F, or WF are assigned. Failures are considered in the total number of semester hours taken in computing the GPA. The table below illustrates how grade points are counted to determine the GPA.

Grade Course	Grade	Sem. Hrs. Enrolled	Sem. Hrs. Earned	Sem. Hrs. For GPA	Grade Points
POL 105	D	3	3	3	3
BSC 145	CT	2	2	0	0
COM 110	A	3	3	3	12
MUS 139	I	1	0	0	0
CHE 102	B	3	3	3	9
KNR 133	WX	1	0	0	0
IDS 106	NC	1	0	0	0
Totals		14	11	9	24

The GPA is computed by dividing grade points earned by semester hours counted for GPA. In the case above, a GPA of 2.66 is calculated by dividing 24 (total grade points) by 9 (semester hours for GPA). Grades of WX, WP, CT, CR, I, and NC do not affect the GPA.

Academic Progress Alert: The Academic Progress Alert is an assessment of the undergraduate student's performance in each full-semester, 100-level course in which the student is enrolled. This assessment is available through the iCampus Portal at IllinoisState.edu/icampus at the end of the first half of the semester.

ADDITIONAL ACADEMIC REQUIREMENTS

Class Attendance: The attendance regulation of the University is based on two principles. First, students are expected to attend class regularly; and second, students are primarily responsible to the instructor in matters pertaining to class attendance. Every student will be held responsible for class attendance and successful completion of academic work. Attendance regulations are intended to encourage student maturity and are based on the assumption that academic success is the student's primary goal in college.

Illinois State University deeply values and supports the required participation of students in Sanctioned University Activities. Instructors will provide such students with reasonable accommodations for completing missed exams, quizzes, and the like. The Office of the Vice President of Student Affairs will determine Sanctioned University Activities. It is the responsibility of the student to (1) inform instructors of scheduled absences in advance, (2) where possible and as soon as possible, provide a schedule of all semester absences, and (3) arrange to complete missed classroom work. Ultimately, students are responsible for material covered in class. In the event of disagreement regarding this policy, the issue will be directed to the appropriate Associate Vice President for Academic Affairs for arbitration.

The University will accommodate, within reason, students whose religious obligations require absence from class.

Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

Class Standing: Students in a bachelor's degree program are classified as freshmen, sophomores, juniors, and seniors. A student must have completed 30 semester hours to be classified as a sophomore, 60 hours to be classified as a junior, and 90 hours to be classified as a senior. Students not working toward a degree at Illinois State are listed as Unclassified Students.

75 Hour Limit on Undeclared Student Status: Illinois State University requires all students to have a declared major upon completion of 75 hours of college-level coursework, including transfer credit. At 75 hours earned, students who are undeclared will have their next semester's schedule dropped unless they successfully complete an appeal process through the Office of Enrollment Management and Academic Services. To be eligible for financial aid and in order to be consistent with federal financial aid guidelines, Illinois State students with 75 hours or more must be enrolled in a major program leading to a degree. For further information on this policy and on finding and declaring a major, see FindYourMajor.IllinoisState.edu.

Major Field(s) of Study: Students may select a major field of study at the time of admission unless the field they choose has special admissions standards. Students who are undeclared majors are encouraged to select a major field of study as soon as possible. The major and minor fields of study available at Illinois State are described later in this catalog. A student may complete the requirements for two majors, both of which will be identified on the student's transcript provided all requirements are completed in both majors and the degree is awarded. When a student double majors, the student indicates only one major for purposes of registration. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a major and a second major. **Note:** Students completing requirements for two majors are eligible to receive one degree. The degree awarded is based on the degree for the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements.

Change of Primary or Secondary Major: A student wishing to enter a second major or change majors must consult the chairperson of the department or director of the school (or their designees) offering the major.

Program Specific Admission Criteria: Illinois State University regulates admission to designated programs when the number of students seeking admission exceeds the available educational resources of the department or school. Supplementary selection criteria for admission may need to be met for specific majors. These criteria may be based on scholastic achievement, prerequisite course work and/or may consist of auditions, portfolios, work experience, etc. Selection criteria can be obtained from FindYourMajor.IllinoisState.edu, the Office of Admissions (for new students) or the intended major department or school advisor.

Dismissal from Major: A student who is academically dismissed from the University will be dropped automatically from his or her major. The student dropped from the major will be classified as undeclared and will receive academic advisement from the University College Academic Advisement Center. In order to declare a major in a department or school after being dropped, the student must be accepted by the department or school in which he or she desires to be a major.

Minor Field(s) of Study: Students often elect a minor field of study. A student may elect to complete the requirements for two minors, both of which will be identified on the student's transcript upon receipt of degree. A student wishing to enter a minor, second minor or change minors consults with the academic department(s) offering the minor. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a minor and a second minor.

Certification Programs: Students who fail to maintain the specific grade point average required by their teaching or other certification program may be dismissed from that program. At the option of the department or school, students dropped from the program may pursue a degree in their major or be classified as undeclared and will receive academic advisement from University College Academic Advisement. To become a candidate for a certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a certification program.

Academic Good Standing: To maintain academic good standing, a student must achieve a minimum cumulative GPA of 2.00. The number of semester hours completed includes all college work done by the student. However, only the grades earned at Illinois State are used in computing the GPA.

"Academic Good Standing" status is necessary for continued enrollment in the University and may be necessary for eligibility to serve on various University committees and for participation in some co-curricular activities. Academic Good Standing status does not guarantee admission to, or retention in, specific departments, schools, or programs. Information concerning admission to and retention in specific programs is listed in this *Undergraduate Catalog* under the appropriate department, school or program descriptions.

For satisfactory progress for financial aid purposes, see Satisfactory Progress Policy in this catalog.

Academic Warning: Each semester (fall and spring), the University identifies students that appear to be in jeopardy of being placed on academic probation. These students will be notified that they are on Academic Warning. Students on Academic Warning can contact the Julia N. Visor Academic Center for guidance on programs and services geared toward improving their academic standing. Information about Academic Warning can be obtained from Julia N. Visor Academic Center,

12 Vrooman Center, Campus Box 4070, at EMAS.IllinoisState.edu, or at (309) 438-7100.

Academic Probation: When a student's cumulative grade point average falls below a 2.00 on a 4.00 scale, they are placed on academic probation. Students on academic probation are required to participate in Project Success - a program designed to assist students in returning to good academic standing. Information about Academic Probation and Project Success can be obtained from the Julia N. Visor Academic Center, 12 Vrooman Center, Campus Box 4070, at EMAS.IllinoisState.edu, or at (309) 438-7100.

Academic Dismissal: At the end of any semester, except for summer session, when a student's cumulative grade point average is below a 2.00 a second or subsequent time, he or she is dismissed from the University.

Academic Reinstatement: Students dismissed from the University may petition the Reinstatement Committee for permission to continue. Petitions must be received by the appropriate deadlines to be considered. Additionally, students can access petition information via the iCampus Portal at IllinoisState.edu/icampus or by visiting the Office of Enrollment Management and Academic Services Website at EMAS.IllinoisState.edu. Students who are reinstated and elect to postpone their enrollment for a future term must reapply for that term.

Only students who have extenuating circumstances or errors in their academic records should plan to petition for reinstatement for the semester following their dismissal.

Former Illinois State Students Seeking Reinstatement After Dismissal: Students wishing to return to Illinois State after being away for one or more semesters must (1) meet university-wide readmission requirements and deadlines; and (2) be reinstated by the University Reinstatement Committee. Application procedures, reinstatement information and deadlines can be found at the Office of Admissions Website at IllinoisState.edu/admissions. Students who are reinstated and elect to postpone their enrollment for a future term must reapply for that term. Reinstated students are required to participate in Project Success - a program designed to assist students in returning to Academic Good Standing.

If a student attends any other higher educational institution after dismissal from Illinois State, he or she must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a C average (2.00/4.00) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student.

Repeated failures to do satisfactory work may result in permanent exclusion from the University.

New Start Policy: Students who leave Illinois State in a degree program with less than a 2.00 cumulative grade-point average (GPA) may be considered for readmission through the New Start Policy. Applicants admitted through this poli-

cy will begin with a new cumulative GPA calculated from the point of their reentry.

Students may be considered for readmission through the New Start Policy after being away from the University for one full year (Example: A student who last attended the University the Fall 2009 term cannot reenroll through the New Start Policy until the Spring 2011 term.) and only when the requirements of one of the following New Start categories are met:

1. **Non-Traditional Student Option:** Former Illinois State students at least 25 years of age may be considered for readmission through this option. If they have attended any college (including Illinois State) in the three calendar years preceding re-enrollment at Illinois State, they must have achieved at least a 2.50 GPA for that college work. Transfer credit will be evaluated and appropriately awarded.
2. **Veterans' Option:** Students who complete at least a one-year tour of duty and present a discharge for reasons other than dishonorable, and whose first attendance at a college or university after discharge is at Illinois State, may be considered for readmission through this option.
3. **Community College Transfer Option:** Former Illinois State students who earned 60 or fewer hours at Illinois State prior to enrolling at a community college and who subsequently earn at least 24 hours after being away for one full year and earn a currently accepted associate degree (A.A. or A.S.) from a community college with at least a 2.50 GPA may be considered for readmission through this option. Transfer credit will be evaluated and appropriately awarded.

The application process includes the submission of the application for admission, official academic transcripts from all schools attended since leaving Illinois State, and a statement describing your potential to do well academically as described on the application. In some cases, additional supporting documents may be requested from the University in order to complete your application. NOTE: Meeting the minimum requirements does not guarantee re-admission. Students are strongly encouraged to file an application as soon as possible during the priority-filing period for the term for which they are applying. Application deadlines are posted on the Admissions Website at IllinoisState.edu/admissions and on the application for admission.

Students may exercise the New Start Option only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who are admitted through the New Start Policy will be admitted on academic probation. Students who reenter under the New Start Policy must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising New Start.

ADMINISTRATIVE WITHDRAWAL

In the rare event that a student exhibits serious psychological/medical problems that rise to the level of a direct threat (high probability of substantial harm to self, others, or property), the University will make an individualized and objective assessment of the student's ability to safely participate in University classes and activities and/or to reside in University housing. In such instances, the University reserves the right to take such actions as may be required including asking a student to withdraw or administratively withdraw a student from the University community. A student may also be restricted from University property and/or participation in University activities as a condition of the administrative withdrawal.

ACADEMIC INTEGRITY

Students are expected to be honest in all academic work. A student's name on any academic exercise (theme, report, notebook, paper, examination) shall be regarded as assurance that the work is the result of the student's own thought and study. Offenses involving academic dishonesty include, but are not limited to the following:

- a. Cheating on quizzes or examinations occurs when any student is found using or attempting to use any book, paper, or other article, or assistance from any individual intending to deceive the person in charge of the quiz or examination with reference to his or her work. No books, notes, papers or related articles shall be used at any quiz or examination unless specifically authorized by the person in charge. Conversation or other communication between individuals in examinations and quizzes is forbidden except as authorized by the instructor.
- b. Computer dishonesty is the unacknowledged or unauthorized appropriation of another's program, or the results of that program, in whole or in part, for a computer-related exercise or assignment.
- c. Plagiarism is the unacknowledged appropriation of another's work, words, or ideas in any themes, outlines, papers, reports, or computer programs. Students must ascertain from the instructor in each course the appropriate means of documentation. Submitting the same paper for more than one course is considered a breach of academic integrity unless prior approval is given by the instructors.
- d. Grade falsification is any attempt to falsify an assigned grade in an examination, quiz, report, program, grade book, or any other record or document.
- e. Collusion occurs when students willfully give or receive unauthorized or unacknowledged assistance on any assignment. This may include the reproduction and/or dissemination of test materials. Both parties to the collusion are considered responsible. No individual may substitute for another in any quiz or examination.

For more information consult the Community Rights and Responsibilities Website at: www.crr.ilstu.edu.

PROFICIENCY AND PLACEMENT EXAMINATIONS

Students at Illinois State University may receive credit by examination through the following programs: College Level Examination Program (CLEP) General Examinations, Departmental Proficiency Examinations, CLEP Subject Examinations, and the Advanced Placement program. Students and prospective students are advised to plan their course work and examination attempts carefully because they may not receive credit by examination for a course in which they have been enrolled on the tenth day of classes.

CLEP General Examinations: Illinois State University grants credit by examination toward General Education requirements for the College Level Examination Program under the following guidelines:

1. A student may receive credit for a maximum of 18 semester hours credit through CLEP General Examinations.
2. A student who desires to take the CLEP General Examinations should do so before enrolling for classes at the University.
3. Credit earned through the CLEP General Examinations shall count toward General Education and graduation requirements only. A student may not use the CLEP General Examinations to raise grades or remove failures in courses already taken. All credit for CLEP General Examinations shall be considered credit at the 100-level.
4. A student who is awarded credit in one or more areas of the General Examinations should consult with his or her advisor to select other appropriate basic and advanced courses.
5. A student may not receive credit for both an area of the CLEP General Examinations and previously earned course credit in the same area. For example, a student who earned course credit in the Fine Arts (Art, Music, Theatre) may not receive credit for a General Examination in the Fine Arts area. Also, credit will not be awarded for the General Examination areas in which credit is earned through Departmental Proficiency Examinations, Advanced Placement Examinations, or CLEP Subject Examinations.
6. Students may take the CLEP General Examinations at Illinois State at times scheduled by the University Testing Office or at any CLEP Open Test Center. Students may contact the University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100, for further information. Students who take the CLEP examinations are responsible for the cost of the examination.
7. **FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS PRIOR TO JULY 1, 2001.** A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 570 on the Humanities, a score of 610 on the Natural Sciences, and a score of 550 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts	(Outer Core)
and 3 hours	Language in the Humanities	(Middle Core)

Natural Sciences*

3 hours	Biological Sciences	(Inner Core)
and 3 hours	Physical Sciences	(Inner Core)

Social Sciences and History

3 hours	Individuals and Society	(Middle Core)
and 3 hours	U.S. Traditions	(Middle Core)

*If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

8. **FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS JULY 1, 2001, OR AFTER.** A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 56 on the Humanities, a score of 65 (56 after May 22, 2006) on the Natural Sciences, and a score of 56 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts	(Outer Core)
and 3 hours	Language in the Humanities	(Middle Core)

Natural Sciences*

3 hours	Biological Sciences	(Inner Core)
and 3 hours	Physical Sciences	(Inner Core)

Social Sciences and History

3 hours	Individuals and Society	(Middle Core)
and 3 hours	U.S. Traditions	(Middle Core)

*If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

Students who have taken CLEP General Examinations at another institution may request that scores be submitted to Illinois State by contacting CLEP, P.O. Box 6600, Princeton, NJ 08541-6600 or telephone (609) 771-7865.

CLEP Subject Examinations: In addition to the previously described opportunities provided by the CLEP General Examinations, several departments or schools grant credit by examination in specific subject areas covered by CLEP Subject Examinations. Courses approved for credit under this program are HIS 101 and 102, MAT 145 and 146, POL 105 or 106 (includes U.S. Constitution only), PSY 111, and SOC 106. The University Testing Office, 346 Fell Hall, Campus Box 4060, (309) 438-2100 provides information about test dates and fees.

Departmental Proficiency Examinations: Departmental proficiency examinations are offered in most 100-level and in a limited number of 200-level courses. The purposes of the examinations are to allow students to receive credit for knowledge acquired previously and to allow students to enroll in more advanced courses or to add breadth to their academic programs. Proficiency examinations are optional and recommended only for students who are unusually skilled in the discipline in which the examination is taken. Specific information about the nature of a given examination should be obtained directly from the appropriate departmental or school office. Below are University guidelines and procedures relating to proficiency examinations:

1. The nature and content of each proficiency examination shall be determined by the department or school in which the course is offered. Standards of performance required for receiving credit in a given course also shall be determined by the department/school offering the course; the level and quality of work required for satisfactory performance on a proficiency examination is equivalent to that required for a grade of C in the course.
2. Academic departments shall provide proficiency examinations in most 100-level courses that are regularly listed in the *Undergraduate Catalog*. Students will find a list of courses in which proficiency examinations are offered on the Office of University Registrar's website at www.registrar.ilstu.edu.
3. A description of each proficiency examination should be available in the department or school offering the examination. Students should contact the appropriate department chairperson or school director for information about a specific examination, including qualifying experiences.
4. All Illinois State University students are eligible to take proficiency examinations.
5. Letter grades will not be assigned for proficiency examinations; therefore, the GPA will not be affected.
6. Credit earned in proficiency examinations may not be used to raise grades or remove failures in courses in which a student has been enrolled previously.
7. No course credit will be awarded for a proficiency examination which is at a lower level than a course previously enrolled in or one that substantially duplicates the content of a course taken previously.
8. Students may take a proficiency examination only once.
9. Students may register for only one departmental proficiency examination each semester unless examinations are approved in writing by the chairs or directors of the departments/schools where the courses are being offered.
10. Students with disabilities should notify the appropriate departmental office of the need for any special accommodations prior to the date of the examination.
11. Students should register for an examination online at the Registrar's Website at www.registrar.ilstu.edu.

Credit for Military Service: Students who have served at least one year of active duty and received an honorable discharge may receive six semester hours of elective credit. To qualify for this credit, a copy of the DD214 should be presented with the application for admission.

Advanced Placement Program: The Advanced Placement Program is sponsored by the College Entrance Board. The examinations are administered at designated high school testing centers. Students will be awarded credit or exemption as indicated.

Advanced Placement Program

Examination	Score for Credit or Exemption	Course for which Credit is Allowed	Hours Awarded
American Government	5 or 4	POL 105 U.S.	3 hours
	or 5 or 4	POL 106 Gen Ed.	3 hours
U.S. History	5, 4, or 3	HIS 135, 136	6 hours
Art Studio-Drawing	5, 4, or 3	ART 104	3 hours
Art Studio-General 2D Design	5, 4, or 3	ART 103	3 hours
Art History	5, 4, or 3	ART 155, 156	6 hours
Biology	5 or 4	BSC 196 and 197	8 hours
Calculus Test AB	5, 4 or 3	MAT 145	4 hours
Calculus Test BC	5, 4, or 3	MAT 145 and 146	8 hours
Chemistry	5	CHE 140, 141	8 hours
	4	CHE 140	4 hours
Government & Politics Comparative	5 or 4	POL 141	3 hours
Computer Science Test A	5 or 4	ITK 168 or 177	4 hours
Computer Science Test AB	5, 4	ITK 168 or 177, 179 or 178	7 hours
	3	ITK 168 or 177	4 hours
English Lang-Comp	5	ENG 101, 145	6 hours
	4	ENG 101	3 hours
English Lit-Comp	5, 4	ENG 125	3 hours
Environmental Science	5, 4, or 3	HSC 156	3 hours
European History	5, 4, or 3	HIS 101 and 102	6 hours
French Language	5 or 4	LAN French 112, 115 and 116	12 hours
French Language	3	LAN French 115 and 116	8 hours
French Literature	5, 4, or 3	LAN French 220	3 hours
German Language	3	LAN German 115 and 116	8 hours
German Language	5 or 4	LAN German 112, 115 and 116	12 hours
Human Geography	5 or 4	GEO 140	3 hours
Latin - Vergil	5, 4, or 3	LAN Latin 116	4 hours
Macro Economics and			
Micro Economics	5 or 4	ECO 105	4 hours
Music Listening and Literature	5, 4, or 3	MUS 152	3 hours
Music Theory:			
Aural Component	5 or 4	MUS 107	1 hour
Nonaural Component	5 or 4	MUS 101	2 hours
Physics Test B	5, 4, or 3	PHY 108 and 109	10 hours
Physics Test C, Part I-MECH5	4, or 3	PHY 110	4 hours
Physics Test C, Part II-E&M	5, 4, or 3	PHY 111	4 hours
Psychology	5 or 4	PSY 110	3 hours
Spanish Language	3	LAN Spanish 115 and 116	8 hours
Spanish Language	5 or 4	LAN Spanish 112, 115 and 116	12 hours
Spanish Literature	5, 4, or 3	LAN Spanish 233.15	3 hours
Statistics	5 or 4	MQM 100	3 hours
World History	5, 4, or 3	HIS 101	3 hours

A student who has taken Advanced Placement Program examinations should request that his or her scores be sent to the University Registrar at Illinois State University. To request grade reports for Advanced Placement Examinations completed, a student should write to Advanced Placement Exams, Box 6671, Princeton, NJ 08541-6671. In making the request, the student should include name, sex, date of birth, the year in which the examination was taken, and the name and identification number of the college to which the grade report should be sent. Illinois State University's identification number is 1319.

International Baccalaureate Diploma Program:
Sponsored by the International Baccalaureate Organization, the program is designed to prepare students for success in the University and beyond in a variety of subjects. A student who has participated in the International Baccalaureate ® Diploma Programme should have his or her scores sent to the University Registrar at Illinois State University. For more information please see the International Baccalaureate ® Organization website - <http://www.ibo.org/>

The International Baccalaureate (IB) Diploma Program, offers high quality two year programs of study that lead to examinations. Assessments of the examinations are reported as a score via a diploma or individual subject certificates. Students with the appropriate scores will be awarded proficiency for specific International Baccalaureate Program work as indicated in the following chart.

International Baccalaureate Diploma Program				
IB Examination	Level	Score	Course (s)	Semester Hours Awarded
Classical Languages (Latin)	S or H	6,7	LAN 115.14	4
Language A2-Spanish	S or H	6,7	LAN 116.15 or LAN 213.15 or LAN 214.15	3 or 4
Economics	Sor H	6,7	ECO 105	4
Geography	S or H	5,6,7	GEO 140	3
History of Europe and the Islamic World	S or H	5,6,7	HIS 101 or 104.04	3
ITGS (International Technology in a Global Society)	S	5,6,7	ITK 214	3
ITGS (International Technology in a Global Society)	H	5,6,7	ITK 160	3
Philosophy	S or H	5,6,7	PHI 101	3
Psychology	S	6,7	PSY 110	3
Psychology	H	5,6,7	PSY 110	3
Social and Cultural Anthropology	H	4	ANT 185	3
Social and Cultural Anthropology	H	5,6	ANT 186 or 281	3
Social and Cultural Anthropology	H	7	ANT 186 and 281	6
Biology	H	6,7	BSC 196 and 197	8
Chemistry	H	6,7	CHE 110	4
Physic	S or H	5,6,7	PHY 105	4
Computer Science	S	5,6,7	ITK 168 or 177	4
Computer Science	H	5,6,7	ITK 178 and 254	6
Mathematics	H	5,6,7	MAT 145	4
Further Mathematics	H	5,6,7	MAT 145 and 146	8
Music – Creating	H	4,5	MUS 205.01	2
Music – Perception	S or H	3,4,5	MUS 152	3
Music – Solo Performing (SLS)	H	4,5	MUS 131-138 (assignment based on instrument type)	3
Music – Group Performance (SLG)	Sor H	4,5	MUS 180-188 (assignment based on group type)	1
S=Standard Level				
H=High Level				

UNIVERSITY-WIDE PROGRAMS

General Education

General Education provides students with a broad, common foundation of study upon which to build an undergraduate education. The program develops skills of oral and written communication, logical and scientific reasoning, computer usage, and quantitative analysis. Courses in General Education explore ways of knowing in the various disciplines through examination of significant historical, social, cultural, and scientific issues. Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses.

Illinois State University is committed to continuous assessment of the General Education program in an effort to gain valuable information so that necessary improvements can be made to the curriculum. As a part of the General Education assessment process on our campus, students may be asked by a faculty member to submit a copy of their work to be included in the General Education Institutional Artifact Portfolio [IAP]. Submitting an artifact of student work for the General Education IAP will in no way affect a student's final grade on the assignment. Faculty will grade the assignment independent of the General Education IAP system. Results from the General Education IAP process are reported in aggregate to the Council for General Education for the primary purpose of improving the General Education program. The artifacts provided for the General Education IAP are in no way linked to individual students. For the purpose of General Education assessment the unit of analysis is the institution, not an individual student, faculty member, or class.

The University Assessment Office coordinates the General Education Institutional Artifact Portfolio. If a student desires not to participate in the General Education Institutional Artifact Portfolio they may complete the Decline to Participate – Student Form which can be accessed at www.assessment.ilstu.edu/generaleducation. Students or faculty with any questions about the Institutional Artifact Portfolio should contact the University Assessment Office at (309) 438-2135. If you have any questions about your rights as a subject/participant in the assessment process, or if you feel you have been placed at risk, you can contact the Research Ethics and Compliance Office, Illinois State University, at (309) 438-8451.

GENERAL EDUCATION REQUIREMENT OPTIONS

There are three ways to complete general education requirements for Illinois State University. These three general education programs have different requirements and affect only certain types of students.

I. The first way is to complete Illinois State University's General Education Program. The General Education Program requires 14 courses (42 semester hours) within a structured three-tiered system, explained fully in the section, General Education Program-Illinois State University.

The following categories of students must complete the Illinois State University General Education Program requirements:

1. Beginning Freshmen (see Admissions section of this catalog for complete definition).
2. Students who were admitted as beginning freshmen at Illinois State University, who were readmitted and who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from an Illinois public community college and are not eligible for an earlier catalog.
3. Transfer Students who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post secondary institution and who are not eligible to complete the Illinois Transferable General Education core curriculum described below.

II. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program is a statewide agreement between participating public colleges and universities and some private schools that is designed to facilitate timely degree completion for students who transfer between institutions. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these courses at any participating institution satisfies general education requirements. The IAI Transferable Core is presented in the section entitled General Education - Illinois Articulation Initiative (IAI). (More information about this system and participating institutions can be found at the following Website address: www.iTransfer.org.)

The following category of students may complete the Illinois Transferable General Education Core Curriculum:

1. Transfer students (See Admissions section of this catalog for a complete description) who began the Illinois Transferable General Education Core Curriculum at a participating IAI institution and transferred to Illinois State may choose to complete the program by enrolling in Illinois State approved IAI courses presented in the section entitled Illinois Articulation Initiative Courses at Illinois State. Transfer students should note, however, that IAI course availability is quite limited.
2. Transfer students who have completed at least one transfer course that is articulated to an IAI core requirement.

3. Students who have completed the Illinois Transferable General Education Core Curriculum at a participating IAI institution are considered to have met Illinois State University's General Education requirement.

III. There is also a third way in which general education requirements can be met.

Students who transfer with a completed baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post secondary institution are considered to have satisfied Illinois State University's General Education Program requirements. Illinois State University accepts the AAT degree as a baccalaureate-oriented degree when the AAT degree includes the IAI transferable core.

Any transfer student may choose to complete Illinois State University's General Education Program.

Illinois State University offers several study abroad programs that feature a wide variety of General Education classes. Interested students should contact their academic advisor or the Office of International Studies and Programs.

GENERAL EDUCATION PROGRAM — ILLINOIS STATE UNIVERSITY

The General Education Program at Illinois State University is an integrated set of courses that focuses on the development of communication and problem-solving skills and abilities, such as persuasion, listening, and argumentation; logical and quantitative thinking; and understanding varying perspectives on issues. These skills and abilities provide an essential grounding for work in the student's major.

The premise of the General Education Program is that education should be a developmental process and not simply an assimilation of a prescribed set of facts. The program's overall structure is designed to ensure that developmental objectives are achieved through the coherent and sequential interrelationship of courses. Inner Core courses provide basic knowledge and skills upon which Middle Core courses build, and those courses in turn prepare students for courses in the Outer Core.

The complete General Education Program consists of 14 courses (42 semester hours), which is approximately one-third of the total credits required for graduation.

Because of laboratory or recitation requirements, some courses are listed as four credit hours in this catalog. All four hours will be credited as graduation requirements, but only three hours will be credited in General Education for these courses.

Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses. While some specific courses are important to take as part of preparation for a major (such as certain mathematics or science courses), the choice of which course to take in each category is a decision for students to make. Students

are encouraged to choose courses that will give them the broadest possible general education and to explore and challenge themselves through their course choices.

The Illinois State University General Education Program consists of a 14-course requirement outlined as the following:

Inner Core (5 courses):

- a 2-course, first-year sequence integrating composition, communication, critical thinking, and information literacy;
- 1 course chosen from the inner-core mathematics category; and
- 2 courses chosen from a four-course natural science category or an alternative science course required by certain majors.

Middle Core (5 course categories):

- 5 courses, one chosen from each course category.

Outer Core (4 courses; one from each of four discipline groups):

- 4 courses, one chosen from each category. Most students not taking a course in their major or minor that satisfies the Global Studies graduation requirement will also take one Outer-Core course whose content focuses on the cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world (See Global Studies requirement).

Students must comply with the following requirements:

- Complete the General Education Program through completion of at least 14 courses (42 semester hours), as designated in the program description.
- Students may count one General Education Middle- or Outer-Core course from their first major department or school toward the total of 14 courses. Additionally, depending on their major, students may be exempted from one General Education category (maximum of one course) because of disciplinary expertise gained in their major listed below:

General Education Category Exemptions by College and Major Program:

College of Applied Science and Technology

AGR	All major programs	MC-QR
CJS	All major programs	OC-SS
FCS	All major programs	MC-IS
HSC	Clinical Laboratory Science	OC-SMT
	Environmental Health	MC-QR
	Health Education	MC-ICL
	Health Information Management	OC-SMT
	Safety	OC-SMT
ITK	All major programs	OC-SMT
KNR	All major programs	OC-SMT

TEC	Industrial Technology	OC-SMT
	Construction Management	OC-SS
	Graphic Communications	OC-SMT
	Industrial Computer Systems	OC-SMT
	Integrated Manufacturing	OC-SMT
	Renewable Energy	OC-SS
	Technology Education	OC-SS

College of Arts and Sciences

ANT	All major programs	None
BMB	All major programs	OC-SMT
BSC	All major programs	OC-SMT
CHE	All major programs	OC-SMT
COM	All major programs	MC-QR
CSD		OC-SMT
ECO	All major programs	MC-QR
ENG	All major programs	MC-LH
GEO	Geography	OC-SS
	Geology	OC-SMT
HIS	All major programs	MC-UST
LAN	French	None
	French Teacher Certification	
	Program only	OC-H
	German all sequences	OC-H
	Spanish all sequences	OC-H
MAT	All major programs	OC-SMT
PHI	All major programs	OC-H
PHY	All major programs	OC-SMT
POL	All major programs	MC-ICL
PSY	All major programs	MC-IS
SWK	(B.S.W.)	None
SOC		None

College of Business

All major programs	MC-IS
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College of Education

All major programs	OC-SS
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College of Fine Arts

All major programs	OC-FA
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Mennonite College of Nursing

NUR	All major programs	IC-NS (one course only)
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— No Inner Core or Middle Core course in the General Education Program may be taken under the CT/NC option.

General Education Course Requirements

INNER CORE GENERAL INFORMATION

A total of five courses are required in the Inner Core. Students take either ENG 101, Composition as Critical Inquiry, or COM 110, Communication as Critical Inquiry,

the first semester of their freshman year. A year-long sequence, these courses integrate critical thinking and information literacy skills. The mathematics and natural science requirements are to be completed during the freshman year, or as early as possible in the first two years.

Inner Core Course Listing (2 courses required) [IC]

ENG 101	Composition as Critical Inquiry
COM 110	Communication as Critical Inquiry

Mathematics (1 course required) [IC-M]

MAT 113	Elements of Mathematical Reasoning
MAT 120	Finite Mathematics
MAT 130	Dimensions of Mathematical Reasoning
MAT 145	Calculus I

Natural Sciences (2 courses required) [IC-NS]

BSC 101	Fundamental Concepts in Biology
CHE 102	Chemistry and Society
GEO 102	Principles of Geology
PHY 102	Atoms to Galaxies

Students must complete at least one course from two different sciences. Certain majors require one of the following Natural Sciences Alternative courses that substitute for the courses above. See individual major requirements.

Natural Science Alternatives [IC-NSA]

BSC 196	Biological Diversity
BSC 197	Molecular and Cellular Basis of Life
CHE 110/112	Fundamentals of Chemistry and Laboratory
CHE 140	General Chemistry I
PHY 105	Fundamentals of Physics
PHY 108	College Physics I
PHY 110	Physics for Science and Engineering I

MIDDLE CORE GENERAL INFORMATION

These courses provide opportunities for the continued development of academic skills applied to a range of topics and involving a variety of disciplinary perspectives. There are five course categories in the Middle Core:

Quantitative Reasoning (MC-QR)
Language in the Humanities (MC-LH)
United States Traditions (MC-UST)
Individuals and Civic Life (MC-ICL)
Individuals and Societies (MC-IS)

A total of five courses are required in the Middle Core. Students complete one course from each of the five categories except for students pursuing a B.A. degree who substitute LAN 115 or higher for Quantitative Reasoning.

Middle Core Course Listing

Quantitative Reasoning (1 course required) [MC-QR]

Students pursuing a B.A. degree must complete the equivalent of LAN 115 or higher rather than one of these courses.

ECO 138	Economic Reasoning Using Statistics
GEO 138	Quantitative Reasoning in the Geosciences
ITK 115	Reasoning About Complex Systems
MAT 121	Applied Calculus
MAT 131	Geometric Reasoning: Geometry as Earth Measures
MAT 146	Calculus II
MAT 150	Fundamentals of Statistical Reasoning
MQM 100	Statistical Reasoning
PHI 112	Language, Logic, and Mathematics
PHY 117	Numerical Reasoning in Nature and Technology
POL 138	Quantitative Reasoning in Political Science
PSY 138	Reasoning in Psychology Using Statistics

Language in the Humanities (1 course required) [MC-LH]

COM/ENG/	
LAN 128	Gender in the Humanities
ENG 124	Film Style and Literature
ENGLAN 125	Literary Narrative
IDS 121	Texts and Contexts
IDS 254	Religions and Cultures
LAN 116.01	Second Year Italian (Part II)
LAN 116.12	Second Year French (Part II)
LAN 116.13	Second Year German (Part II)
LAN 116.14	Second Year Latin (Part II)
LAN 116.15	Second Year Spanish (Part II)
LAN 116.18	Second Year Japanese (Part II)
LAN 120.15	Introduction to Academic Spanish for Spanish Speakers

United States Traditions (1 course required) [MC-UST]

ENG/HIS 131	American Culture: Traditions and Texts
FCS/HIS/	
SOC 112	American Family: Change and Diversity
HIS/SOC 111	American Diversity: Contested Visions of U.S. Experience
SOC 109	Introduction to U.S. Latina/o Studies

Individuals and Civic Life (1 course required) [MC-ICL]

CJS 102	Individuals, Society, and Justice
PHI 104	The Ideal of Democracy
POL 101	Citizens and Governance
POL 106	U.S. Government and Civic Practices

Individuals and Societies (1 course required) [MC-IS]

AGR 201	Resources, Food, and Society: A Global Perspective
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ANT 175	Cross-Cultural Perspectives on Contemporary Human Problems
ECO 103	Individual and Social Choice
GEO 140	Human Geography
IDS 111	Peace Studies
PSY 110	Fundamentals of Psychology
SOC 108	Contemporary Social Problems in Global Perspective
TEC/SOC 175	Living in a Technological World
WGS 120	Women, Gender, and Society

OUTER CORE GENERAL INFORMATION

These courses give insight into the varied nature of disciplinary knowledge, introducing students to the ways that specific disciplines create knowledge and examining the interplay between disciplined inquiry and the larger world in which such inquiry takes place.

A total of 4 courses are required in the Outer Core. Students must complete one course chosen from each of four discipline groups: Science, Mathematics, and Technology; Fine Arts; Humanities; and the Social Sciences. Students not satisfying the Global Studies graduation requirement through a major course should choose an Outer-Core course designated by a double asterisk.

Outer Core Course Listing

Science, Mathematics, and Technology (1 course required) [OC-SMT]

AGR 203	Agriculture and the Environment
ANT 102	Human Origins
BSC 145	Human Biology
BSC 160	Microbiology and Society
BSC 170	Genetics and Society
BSC 202	Human Ecology
CHE 204	Chemistry of Life
FCS/KNR/	
HSC 208	Dynamics of United States Contemporary Health Issues
GEO 202	Evolution of the Earth
GEO 207	Natural Disasters
GEO 211	Earth's Dynamic Weather
HSC 156	Environmental Health in the 21st Century: Meeting the Global Challenge
IDS 265	Introduction to Cognitive Science: Computers, Minds, Brains, and Robots
ITK 140	Interacting in a Digital World
ITK 214	Social, Legal, and Ethical Issues in Information Technology
PHY 205	Origin of the Universe
PHY 206	Chaos and Complexity
PHY 207	Energy and Climate Change
TEC 275	Technology and Quality of Life

Social Sciences (1 course required) OC-SS

ANT 185	Cultures of the World**
ANT/ENG/	
LAN 143	Unity and Diversity in Language
FCS 222	Cultural Diversity in Dress
FCS 224	Enduring Issues for Couples and Families
GEO 135	World Geography **
GEO 235	Geography of Emerging Areas**
HSC 170	Safety and Society
HIS 264	History of Women in North America
POL 140	Introduction to the Politics of Africa, Asia, and Latin America **
PSY 213	Lifespan Development
PSY/SOC 223	Social Psychology
PSY 233	Psychology of Personality
SOC 220	Global Social Change: An Introduction to Macrosociology
SOC 240	People in Places: Understanding and Developing Community
SWK 125	Building Healthier Communities Through Community Involvement

Fine Arts (1 course required) OC-FA

ART 176	Arts and Society: Visual Arts
ART 275	World Arts: Visual Arts**
MUS 152	Experiencing Music
MUS 153	Black Music I**
MUS 154	Black Music II**
MUS 176	Arts and Society: Music
MUS 275	World Arts: Music**
THE 152	Experiencing Theatre
THE 176.01	Arts and Society: Theatre
THE 176.02	Arts and Society: Film
THE 275.01	World Arts: Theatre**
THE 275.02	World Arts: Film**

Humanities (1 course required) OC-H

ENG 110	British Literature and Its Contexts
ENG 150	Masterpieces of World Literature to 1350
ENG 250	Literature of the Bible I
ENG 251	Literature of the Bible II
ENG 229	Introduction to Literary Genres
ENG 261	Women's Literature in a Global Context
ENGLAN206	Cultural Expressions in Social Contexts: Women of Asia, Latin America, and Africa**
HIS 104	History of Asia, Middle East, Africa, Latin America, or Indigenous Peoples**
HIS 107	The Making of Europe
IDS 203	Nations and Narrations **
IDS 207	Representation, Knowledge, and Power
LAN 106	Myth and Meaning
PHI 101	Basic Issues in Philosophy
PHI 150	Science and Human Culture
PHI 202	Sex, Values, and Human Nature
PHI 224	Meaning and Religious Belief
PHI 238	Rights and Wrongs
PHI 251	Visions of the Self: A Study of Minds and Persons

**** Courses with Global Studies designation, indicating a focus on cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.**

Codes used throughout the Illinois State University General Education Program include the following:

IC	Inner Core
IC-M	Inner Core - Mathematics
IC-NS	Inner Core - Natural Science
IC-NSA	Inner Core - Natural Science Alternatives
MC-QR	Middle Core - Quantitative Reasoning
MC-LH	Middle Core - Language in the Humanities
MC-UST	Middle Core - United States Traditions
MC-ICL	Middle Core - Individuals in Civic Life
MC-IS	Middle Core - Individuals and Societies
OC-SMT	Outer Core -Science, Mathematics, and Technology
OC-SS	Outer Core - Social Sciences
OC-FA	Outer Core - Fine Arts
OC-H	Outer Core - Humanities

Transferring General Education Courses—Illinois Articulation Initiative

The Illinois Articulation Initiative (IAI) is a statewide agreement among the more than 100 public and some selected private four-year and two-year higher education institutions. The agreement is designed to facilitate students transferring between the colleges and universities in Illinois. The Illinois Transferable General Education Core curriculum consists of 12 to 13 courses (37 to 41 hours of credit) within a five-category designation. The general requirements are as follows:

Communication:	3 courses (9 credits)
Humanities and Fine Arts:	3 courses (9 credits)
Mathematics:	1 to 2 courses (3 to 6 credits)
Physical and Life Sciences:	2 courses (7 to 8 credits)
Social and Behavioral Sciences:	3 courses (9 credits)

IAI policy is presented on the Website, www.iTransfer.org, and Illinois State University's implementation requirements are published below. Students who transfer out of Illinois State will be held to the requirements of their transfer institution.

General Education Options For Transferring Students

New transfer students have the option of completing either Illinois State's General Education program or the Illinois Transferable General Education Core Program (IAI). NOTE: To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Transfer students who have satisfactorily completed at least one course within the Illinois Transferable General Education Core are allowed to complete this program by enrolling in approved IAI courses at Illinois State University. Students should note, however, that IAI course availability is quite limited.

CLEP

Illinois State policies on CLEP credit will be used to meet Illinois Transferable General Education Core requirements.

WAIVERS

If a student satisfactorily completes the objectives of a General Education Core area but earns fewer hours than required, the remaining hours for that area can be waived. However, students must complete the minimum of 12 courses, 37 hours, and the number of courses required in each area of the Core. Fractional hours can also be waived, but the minimum 37 hour total is still enforced.

For those students eligible to complete the Core, a transfer course articulated as an Illinois State University course approved for the Illinois Transferable General Education Core Curriculum will be utilized toward the Core. Any course from a participating school approved by an IAI curriculum panel may be used even if not articulated to an Illinois State course. Acceptance and placement of transfer credit as an elective from a non-participating IAI institution is only applicable to meet Illinois Transferable General Education Core (IAI) requirements at Illinois State University.

Effective May 1999, a student transferring to another institution, who has completed at least 37 semester hours, may request an audit, via a transcript request, of his or her records for completion of the Illinois Transferable General Education Core Curriculum. If complete, the University will certify completion of the Illinois Transferable General Education Core requirements on the Illinois State transcript.

Students transferring to Illinois State are required to fulfill all University graduation requirements.

Illinois Articulation Initiative Course Requirements:

Regardless of category placement, a student may count no more than two courses from a single discipline to fulfill the General Education Core Curriculum requirements. Only one course assigned to an IAI course number may be used to fulfill a requirement (For example, since HIS 104.01 and HIS 104.03 both carry the IAI number of H2 903N, only one may be used).

Illinois State University courses approved for the IAI General Education Core are listed officially on the IAI Website, www.iTransfer.org. The following list of courses is provided for convenience only. Some courses may have been added or deleted since the publication of this catalog.

Communication

(3 courses, 9 semester hours)

A grade of C or better required in C1 900, ENG 101, and C1 901R, ENG 145.

For students with appropriate preparation, Illinois State will waive C1 900. A minimum of 12 courses and 37 semester hours is still required.

**IAI Course Number
and IAI Title****Illinois State
Course and
Semester Hours**

C1 900 Writing Course Sequence	ENG 101 (3)
C1 901R Writing Course Sequence	ENG 145 (3)
C2 900 Oral Communication	COM 110 (3)

Mathematics

(1 course, 3 semester hours)

M1 900 College Level Calculus	MAT 121 (4)
M1 900 1 College Level Calculus I	MAT 145 (4)
M1 900 2 College Level Calculus II	MAT 146 (4)
M1 900 3 College Level Calculus III	MAT 147 (4)
M1 902 General Education Statistics	ECO 138 (3) PSY 138 (3)
M1 903 Mathematics for Elementary Teaching I and II (limited to Elementary Education Majors)	MAT 152 (3)
M1 904 General Education Mathematics	MAT 113 (4)
M1 906 Finite Mathematics	MAT 120 (4)

Physical Sciences and Life Sciences

(2 courses, 7 semester hours)

Students with appropriate preparation may substitute an initial course designed for science majors. One Life Science and one Physical Science course required, of which one must be a lab (indicated by an L, e.g. P1 901L or L1 900L).

**IAI Course Number
and IAI Title****Illinois State
Course and
Semester Hours**

P1 900L General Education Physics	PHY 105 (4) PHY 108 (5)
P1 901L Physics and Society	PHY 102 (3)
P1 902 General Education Chemistry	CHE 110 (4)
P1 902L General Education Chemistry	CHE 112 (1) CHE 140 (4) CHE 204 (3)
P1 903L Chemistry and Society	CHE 102 (3)
P1 907L Introduction to Geology	GEO 102 (3)
P1 909 Earth Science Systems	GEO 100 (4)
P1 909L Earth Science Systems Lab	GEO 101 (1)
P2 900L Calculus-based Physics I	PHY 110 (4)
L1 904 Human Biology	BSC 145 (3)
L1 906 Heredity and Society	BSC 170 (3)
L1 900L General Education Biology	BSC 101 (3) BSC 196 (4)

Humanities and Fine Arts

(3 courses, 9 semester hours)

One Humanities and one Fine Arts course required.

H1 900 Foreign Language IV	LAN 116 (4)
H1 900 Italian 2nd Year Part II	LAN 116.01 (4)
H1 900 French 2nd Year Part II	LAN 116.12 (4)
H1 900 German 2nd Year Part II	LAN 116.13 (4)
H1 900 Latin 2nd Year Part II	LAN 116.14 (4)
H1 900 Spanish 2nd Year Part II	LAN 116.15 (4)

H1 900	Japanese 2nd Year Part II	LAN 116.18 (4)
H2 901	Western Civilization I	HIS 101 (3)++
H2 902	Western Civilization II	HIS 102 (3)++
H2 903 N	Non-Western Civilizations	HIS104.01 (3)++ HIS 104.02 (3)++ HIS 104.03 (3)++ HIS 104.04 (3)++ HIS 104.05 (3)++
H2 904	U.S. History/Civilization I	HIS 135 (3)++
H2 905	U.S. History/Civilization II	HIS 136 (3)++
H3 910D	American Ethnic Literature	ENG 165 (3)
H3 911D	Literature and Gender	ENG 160 (3) COM 128 (3) ENG 128 (3) LAN 128 (3) ENG 110 (3)
H3 912	Survey of British Literature I	ENG 130 (3)
H3 914	Survey of American Literature I	PHI 101 (3)
H4 900	Introduction to Philosophy	LAN 106 (3)
H9 901	Mythology	ENG 131 (3)
HF 900	Humanities Survey I	HIS 131 (3) MUS 152 (3)
F1 900	Experiencing Music	
F1 905D	Ethnic Traditions in American Music	MUS 153 (3)++ MUS 154 (3)++ THE 152 (3)
F1 907	Experiencing Theatre	
F1 909D	Ethnic Traditions in American Theatre	THE 154 (3)
F2 901	History of Western Art I	ART 155 (3)
F2 902	History of Western Art II	ART 156 (3)
F2 903N	Non-Western Art	ART 140 (3)++
F2 905	Film Appreciation	THE 170 (3)

++ *Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.*

+++ *Western Civilization (H2 901 or S2 902 and H2 902 or S2 903) and American/U.S. History (H2 904 or S2 900 or S2 901) can be used either as how it was approved for the school offering the course, or how the equivalent course at the receiving school was approved.*

Social and Behavioral Science

(3 courses, 9 semester hours)

Two disciplines must be represented from the following list: Anthropology (S1), History (S2), Economics (S3), Geography (S4), Politics and Government (S5), Psychology (S6), Sociology (S7), Social Psychology (S8).

IAI Course Number and IAI Title	Illinois State Course and Semester Hours
S3 900 Principles of Economics	ECO 105 (4)
S4 900N Introduction to Human Geography	GEO 135 (3)++ GEO 140 (3)
S5 900 American/U.S. National Government I	POL 105 (3) POL 106 (3)

S5 904N International Relations	POL 151 (3)++
S5 905 Comparative Government	POL 141 (3)
S5 906N Non-Western Comparative Government	POL 140 (3)
S6 900 General Psychology	PSY 110 (3) PSY 111 (4)
S6 902 Life-Span Developmental Psychology	PSY 213 (3)
S7 900 Introduction to Sociology	SOC 106 (3)
S7 901 Social Problems	SOC 108 (3)
S7 902 Marriage and Family	FCS 224 (3)
S8 900 Social Psychology	PSY 223 (3) SOC 223 (3)

++ *Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.*

University-Wide Teacher Education Programs

Chair, Council for Teacher Education: Deborah Curtis, Dean, College of Education
506 DeGarmo Hall, Campus Box 5300
(309) 438-5415

Website: www.TeacherEducation.ilstu.edu

Realizing the Democratic Ideal: Teacher Education at Illinois State University

Illinois State University has a historic and enduring commitment to prepare teachers and other school personnel who will be responsive to the ethical and intellectual demands of a democratic society. To teach in a democracy is self-consciously to take up the challenge of improving the ethical and intellectual quality of our societal dialogue by including in it as many educated voices as possible.

The democratic ideal unites caring and knowing: the more voices we call into thoughtful dialogue, and the less fettered the mutual exchange among those voices becomes, the truer our convictions and conclusions will be. This is the foundation a democratic society, and it is why Illinois State graduates aspire to teach everyone, especially those on the margins, those who have been or are in danger of being excluded.

This democratic conception of education informs all aspects of teacher education at Illinois State University. Graduates who are ready to meet the challenges and rewards of serving students in a democratic society embody the ethical and intellectual commitments of teaching and learning in order to realize the democratic ideal.

The ethical commitments are:

- Sensitivity toward the varieties of individual and cultural diversity
- Disposition and ability to collaborate effectively with others
- High regard for learning and seriousness of personal, professional, and public purpose

- Respect for learners of all ages, with special regard for children and adolescents.

The intellectual commitments are:

- Wide general knowledge and deep knowledge of the content to be taught
- Knowledge and appreciation of the diversity among learners
- Understanding of the factors that affect learning and appropriate teaching strategies
- Interest in and ability to seek out informational, technological, and collegial resources
- Contagious intellectual enthusiasm and courage enough to be creative.

Of the challenges facing teachers and other school personnel in the 21st century, none is more pressing than the need for them to develop and maintain a strong sense of their ethical and intellectual commitments—a professional identity. Toward this end, Illinois State University prepares teachers and other school personnel who have a dynamic, reflective sense of themselves and their mission; through caring and knowing they realize the democratic ideal.

Undergraduate students interested in preparing for teaching careers in the public schools should consult this *Undergraduate Catalog* or contact the Teacher Education Coordinator of the department or school in which they desire certification. Contact the Cecilia J. Lauby Teacher Education Center, 56 DeGarmo Hall, (309) 438-5416, for information about admission to the Teacher Education programs of the University and certification requirements. Students interested in preparing for teaching careers in colleges and universities should consult academic advisors in the discipline that they plan to teach for information concerning appropriate graduate degree preparation.

Federal regulations require that all Illinois teacher preparation programs report candidate test scores to the Illinois State Board of Education annually on April 7; the state in turn reports scores to the United States Department of Education annually on October 7. The following April 7, the Secretary of Education prepares a report for Congress on the quality of the nation's teacher preparation programs.

Illinois State University reported the following scores on February 23, 2009:

- 2007-2008 Program Completers: 1,100
- Basic Skills: 1,085 tested, 1,085 passed = 100% pass rate
- Assessment of Professional Teaching: 1,080 tested, 1,076 passed = 99.6 % pass rate
- Academic Content Areas: 1,003 tested, 1,003 passed = 100% pass rate
- Other Content Areas: 65 tested, 65 passed = 100% pass rate
- Teaching Special Populations: 158 tested, 158 passed = 100% pass rate
- Summary Totals and Pass Rate: 1,100 tested, 1,096 passed = 99.6 % pass rate

- 2007-2008 Alternative Route Completers: 6; Basic Skills, 100%; Assessment of Professional Teaching 100%; Academic Content Areas, 100%.

For current information, see the teacher education Website: www.coe.ilstu.edu/teacher-education/.

Performance-Based Assessment System

Effective Fall 2002, the Council for Teacher Education began implementation of its newly adopted Teacher Education Performance-Based Assessment System. This system meets accreditation standards, as stipulated by the Illinois State Board of Education (ISBE) and the National Council for the Accreditation of Teacher Education (NCATE).

The performance-based assessment system is reviewed by the University Teacher Education Assessment Committee, which reports to the Council for Teacher Education. The Council for Teacher Education approves changes to the system.

The system establishes critical points at which candidates for teacher certification will be assessed: Admission to Professional Studies, Admission to Student Teaching (clinical practice), Exit from Student Teaching (clinical practice), and Exit from the Program. This system ensures that candidates possess the knowledge, skills, performances, and dispositions requisite for successful teaching careers. When Illinois State University recommends a candidate for teacher certification, the entire university has prepared that teacher.

For Admission to Professional Studies, candidates will, in addition to meeting all program requirements as noted in applicable sections of this catalog:

- complete 30 hours of course work successfully;
- present documented evidence of successful experiences with children and youth;
- submit a reflective essay on entry-level dispositions to teach relative to "Realizing the Democratic Ideal," to be retained in an electronic portfolio;
- pass the basic skills test required for ISBE teacher certification;
- attain and retain a minimum cumulative and major GPA as designated by the selected teacher certification program, typically no less than 2.50;
- complete the Assessment of Legal and Ethical Conduct form;
- complete English 101 and Communication 110, with a grade of C or better;
- meet other performance indicators as determined by the Council for Teacher Education and/or individual teacher preparation programs;
- attain departmental approval;
- criminal history check;
- complete select Instructional Technology Passport System requirements;
- demonstrate dispositions that align with the *Realizing the Democratic Ideal* conceptual framework;
- demonstrate appropriate communications skills;

- complete a safety education assessment; and
- complete a teacher education orientation and an ePortfolio fundamentals workshop;
- some programs require a negative TB test (check with your advisor).

For Admission to Student Teaching/Clinical Practice, successful candidates will:

- pass the ISBE Content Area Test(s) to ensure content knowledge;
- complete a criminal history records check;
- file verification of a negative TB test;
- retain a minimum cumulative and major GPA as designated by the selected teacher education program;
- verify having completed clinical experiences commensurate with attaining local, state, and national standards (a minimum of 100 hours is required);
- complete additional technology competencies and add to the electronic portfolio;
- demonstrate dispositions that align with the *Realizing the Democratic Ideal* conceptual framework;
- demonstrate appropriate communications skills;
- complete the Language Arts Assessment; and
- meet other performance indicators as determined by the Council for Teacher Education and/or individual teacher preparation programs.

For Exit from Student Teaching/Clinical Practice, candidates will:

- complete student teaching/clinical practice with a grade of C or better;
- meet all requirements of the final unit-wide student teaching assessment;
- complete the teacher education electronic portfolio;
- demonstrate dispositions that align with the *Realizing the Democratic Ideal* conceptual framework;
- demonstrate appropriate communications skills;
- revise the reflective essay on dispositions;
- pass any additional tests for certification required by the state;
- complete all technology competencies as specified by the Performance Based Assessment System;
- complete the Multicultural/Diversity Assessment; and,
- meet other performance indicators as determined by Council for Teacher Education and/or individual teacher preparation programs.

For Exit from the Program the successful candidates will:

- meet all university graduation requirements as noted in the applicable sections of this catalog;
- meet all program graduation requirements as noted in the applicable sections of this catalog; and,
- meet other performance indicators as determined by the Council for Teacher Education and/or individual teacher preparation programs.

The information on Performance-Based Assessment supplements additional information already present in the catalog, found under University-Wide Teacher Education

and with information for each individual teacher education program. The Council for Teacher Education reserves the right to modify performance assessment indicators in response to state and national accreditation mandates. Candidates should consult their program advisors for specific requirements and updates on state or national mandates.

Details regarding the performance-based assessment system are available at the teacher education website

Program Requirements

This section of the *Undergraduate Catalog* provides information needed by students in Teacher Education programs. Students seeking further information or clarification of information presented here should contact the Office of Clinical Experiences and Certification Processes (CECP), located in the Cecilia J. Lauby Teacher Education Center in DeGarmo Hall. Information pertaining to requirements for admission and retention in Teacher Education and matters related to certification through Illinois State University graduate programs is provided by the CECP Office. Matters related to certification at the undergraduate level are handled in the Evaluations Office. For additional information on Teacher Education at Illinois State University, see requirements in this catalog.

Each student who completes a bachelor's degree program in an approved Teacher Education program, and who is recommended for certification by the Dean of the College of Education as having completed all requirements (General Education, Professional Education, and field of study or area of specialization) is recommended for a teaching certificate in the State of Illinois. When a student has completed all of the requirements for a degree, including a recommendation from the Dean of the College of Education, the Evaluations Office at Illinois State University will send to the student the documentation necessary to apply for the appropriate Illinois Teaching Certificate. In order to satisfy Illinois certification requirements, all candidates must pass a test of basic skills (reading, writing, language arts, and mathematics), a subject matter knowledge test, and an assessment of professional teaching test all administered by the Illinois State Board of Education. In addition, effective February 1, 2012 students who are applying for their initial teaching certification or additional endorsements must have a grade of C or above in all coursework required as part of their certification program. This includes all endorsement areas, major courses and professional education.

Students who have already completed one or more non-teaching degrees and who now seek admission to a teacher education program are advised to seek admission to the University as a candidate for a second bachelor's degree, certification only. Subsequent transcript analysis may determine that a second degree is not required. In this instance, the student who received a degree from a state Teacher Education approved institution will be allowed to complete the requirements for certification without completing the requirements of the second bachelor's degree. Students are

advised that the Teacher Education certification requirements provided here are for Illinois and that they should check certification requirements for other states if they desire to be certified for teaching elsewhere.

Students who complete a bachelor's degree program in Teacher Education at Illinois State University also have their transcripts stamped, "Student has completed a state and NCATE approved program in Teacher Education." (NCATE is the National Council for Accreditation of Teacher Education.) This statement indicates that the program has received state approval and national accreditation. This status usually makes it easier to obtain a teaching certificate in another state.

NOTE: Certified teachers may be eligible for endorsements from the Illinois State Board of Education by transcript evaluation. For previously certified teachers seeking a subsequent certificate, this individual should apply to Illinois State University as a second bachelors' degree, certificate only candidate.

Individuals convicted of a felony or any sex, narcotics, or drug offense should contact the Office of Clinical Experiences prior to application for Admission to Professional Studies. *Applicants convicted of certain types of crimes may not be approved for certification by the Illinois State Board of Education.*

Certification Programs

Students who fail to maintain the specific GPA required by their teaching or other certification program may be dismissed from that program. At the option of the department, students dropped from the program may pursue a degree in their major or be classified as Undeclared and will receive academic advisement from the Academic Advisement Center. In order to become candidates for a certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a certification program.

Council for Teacher Education

The Council for Teacher Education is responsible for developing requirements for Teacher Education and for providing avenues of communication among all of the areas of the University concerned with Teacher Education. The Dean of the College of Education serves as the University's certification officer and is responsible for maintaining the relationship between campus programs and state certification officials.

Admission Procedures:

Students may monitor and assess their status regarding Admission to Professional Studies through the use of the *iCampus* portal. For specific directions and accompanying documents, please contact the Cecilia J. Lauby Teacher Education Center in DeGarmo Hall. Students should check with the major department or school regarding specific departmental procedures and requirements for Admission to Professional Studies.

Selective Retention

Students are required to maintain the qualification requirements for Admission to Professional Studies from the point of admission to the point of certification.

Admission to Professional Studies is a prerequisite for enrollment in certain courses of the program. The prerequisite is listed in this *Undergraduate Catalog* for each of the specified courses.

A student must be formally admitted to Professional Studies and have satisfied all stipulated prerequisites prior to being assigned to student teaching.

APPROVED TEACHER EDUCATION PROGRAMS

The following list includes all undergraduate Teacher Education programs approved by the State of Illinois and the National Council for Accreditation of Teacher Education (NCATE).

Early Childhood Education: (This certificate extends from Birth through Grade 3).

Elementary (K-9): Elementary Education; Middle Level; Bilingual Elementary Education.

Secondary (6-12): Agriculture; Biological Sciences; Chemistry; Communication Studies; Dance; Earth and Space Science; English; Family and Consumer Sciences; Geography; Health; History-Social Science; Technology; Mathematics; Physics; Theatre.

Special (K-12): Art; Business Education; French; German; Music; Physical Education; Spanish; Specialist in Learning Behavior (LBS1); Specialist in Deaf and Hard of Hearing; Specialist in Low Vision and Blindness.

NOTE: Teaching certificates are available at the graduate level for Reading Specialist, Alternative Route for secondary teaching certification and Learning Behavior Specialist II. Graduate level certification programs are also available for School Psychology, Speech and Language Impaired, and School Administration.

Teacher Education Major and Minor:

To receive a certificate a student must complete a Teacher Education sequence for one of the majors listed previously. A student may also complete requirements for any other major or minor.

Students seeking a high school teaching certificate through one of the following fields must also complete the requirements for a second teaching field: Dance, Health and Theatre.

Program grade point requirements must be met in both the first and second teaching fields. The respective department or school will provide information on course work needed to complete the second teaching field.

Endorsements: The minimum course requirements for teaching fields for elementary and high school certificates are defined by the State of Illinois and are listed on the certificate as an endorsement. One or more endorsements may be earned by completing requirements for the elementary or high school certification programs at Illinois State University. Additional endorsements may be earned through the completion of the specified course work and, in most cases, by passing the State content test in the endorsement area. The Illinois Board of Education determines this process. Students should contact an advisor for information on requirements for endorsements.

General Education: To meet certification requirements of the Illinois State Board of Education, all Teacher Education programs must meet general education requirements defined for the institution's approved entitlement programs. Effective fall 1998, all native students entering Illinois State University will complete the University's General Education Program. For teacher education students, completion of Illinois State University's General Education Program ensures that the general education requirements for teacher certification have been met.

Transfer Students:

Several options satisfy general education requirements for certification relative to transfer students. The Illinois Articulation Initiative General Education program, including a global perspective course, may be the general education component for Illinois State entitlement programs for the transfer student who does not choose to complete the University's general education program. Other options include Illinois State's University Studies general education (97-98 or earlier catalogs), an approved baccalaureate-oriented A.A., A.S., A.A.T. or a bachelor's degree from a regional accredited institution, including a global perspective course. All of these options must include at least one global perspective course (Non-Western Studies). Completion of a course for the Global Studies graduation requirement will meet this requirement.

Completion of General Education Program requirements does not ensure that the requirements for certification have been met. Students are reminded that some courses are required by specific programs: Introductory Psychology is a prerequisite for Educational Psychology; a grade of C or better in an English Composition course and a Speech course are required for Admission to Professional Studies.

CERTIFICATES

(See also Performance Based Assessment System)

Early Childhood Education (Type 04)

(Age 0-Grade 3)

Candidates completing the Early Childhood Education Major will be recommended for teacher certification in preschool through grade 3. To complete the requirements for this certificate, the student must complete (1) the

General Education requirements for an Early Childhood certificate and (2) the Major and Professional Education requirements for an Early Childhood Education Major. The General Education requirements for transfer students are listed in the previous section. Students should work closely with an advisor in selecting courses which will meet the General Education Program requirements for certification. Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog*. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards.

Elementary School (Type 03) (Grades K-9)

Candidates completing the Elementary Education Major will be recommended for teacher certification in kindergarten through ninth grade. The student must also complete requirements for one or more endorsements to teach upper-level elementary/middle level subjects. To complete the requirements for this certificate, the student must complete: (1) the General Education requirements for an Elementary certificate, and (2) the Major and Professional Education requirements for the Elementary Education Major. Previously listed are the requirements for General Education for Elementary Education certification for transfer students. Students should work closely with an advisor in selecting courses which will fulfill the requirements of General Education for certification. Optional endorsements, Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog*. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Requirements for endorsements are available from Curriculum and Instruction departmental advisors. Endorsements to the certificate are required in order to teach departmentalized courses in the upper elementary, middle-level schools. An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and completes the proposed required courses for the bilingual/bicultural sequence, may be certified as an elementary school teacher with bilingual/bicultural approval.

Middle Level Teacher Education (Type 03) (Grades K-9)

Candidates completing the Middle Level Teacher Education Major will be recommended for teacher certification in kindergarten through ninth grade with two or more endorsements to teach upper-elementary/middle level subjects. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Elementary certificate, (2) the Major and Professional Education requirements for the Middle Level Teacher Education Major, and (3) specialization requirements. The requirements for General

Education for transfer students are listed in the previous section for Elementary Education certification. Students should work closely with an advisor in selecting courses which will meet the requirements of General Education Program, General Education for certification, and specialization. Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of the *Undergraduate Catalog*. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards.

Students in the program may prepare to teach in selected subject areas of the middle level school: Language Arts, Science, Social Studies, Health, Physical Education, Mathematics, Industrial Arts, Art, and Reading. See the description for the Middle Level Teacher Education program in the Curriculum and Instruction section of the *Undergraduate Catalog*. Students should confer with their academic advisors when selecting courses in the areas of concentration so that such courses may enable them to meet the Illinois State Board of Education requirements for endorsements. A certificate must be endorsed in order to teach middle level and/or departmentalized upper elementary.

High School (Type 09) (Grades 6-12)

Candidates completing a Teacher Education sequence of a specified major will be recommended for teacher certification in 6-12. To complete requirements for this certificate, the student must complete (1) the General Education requirements for High School Certificates, (2) the Professional Education requirements for Secondary Majors, and (3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Students seeking secondary education certification (6-12) interested in teaching in a departmental Middle Level School will need a Middle Level Teacher Education endorsement after July 1, 1997. For specific details, contact the Teacher Education advisor in the respective academic area.

Professional Education Requirements:

Each student preparing for type 9 certificate must complete the following courses: EAF 228 or 231 or 235 (3 hours); PSY 215 (3 hours); C&I 212 (2 hours), 214 (3 hours), 216 (3 hours); Student Teaching 399; and all Professional Education courses must be passed with a grade of C or better. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Special Methods courses are listed as part of the academic major. Courses to meet Professional Education requirements may not be taken for credit/no credit.

FIELDS OF STUDY

Fields of Study Requirements:

The student must complete a Teacher Education sequence of a specified major to earn a 6-12 teaching certificate. The approved Teacher Education Major or Comprehensive Major may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of this *Undergraduate Catalog*. Education minors or a second major may be elected by any student.

Fields of Study:

Agriculture—Education Major
Biological Sciences—Education Major and Education Minor
Chemistry—Education Major and Education Minor
Communication Studies—Education Major and Education Minor
Dance—Education Major and Education Minor
English—Education Major and Education Minor
Family and Consumer Sciences—Education Major
Geography—Education Major and Education Minor
Geology—Earth and Space Science Education Major
Health—Education Major and Education Minor
History-Social Science—Education Major and History Education Minor
Mathematics—Education Major and Education Minor
Physics—Education Major and Education Minor
Teaching English as a Second Language—Education Minor
Technology—Education Major and Education Minor
Theatre—Education Major and Education Minor

Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of Education endorsements which must be satisfied in order to teach in high schools in Illinois. This process is currently under review at the Illinois Board of Education. Requirements of endorsements are available from department advisors and from University College Academic Advisement.

Special (Grades K-12) - other than Special Education (Type 10)

Candidates completing a comprehensive major in select fields of study will be recommended for a certificate for teaching the subjects named therein in all grades of the common school. To complete requirements for this certificate, the student must complete (1) the General Education requirements for a High School Certificate, (2) the Professional Education requirements for K-12 majors, and

(3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Professional Education Requirements:

Each student preparing for a type 10 certificate (other than Special Education) must complete the following Program: EAF 228 or 231 or 235 (3 hours); PSY 215 (3 hours) or C&I 210 (3 hours) depending on individual program requirements; C&I 212 (2 hours), 214 (3 hours) except for Music, 216 (3 hours) except for Music; Student Teaching 399; and all Professional Education courses must be passed with a grade of C or better. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students enrolled in Special K-12 programs will be assigned to do student teaching in K-12 sites. Courses to meet the Professional Education requirement may not be taken for Credit/No credit. K-12 Music majors are not required to complete C&I 214 or 216.

Fields of Study Requirements:

An approved Teacher Education program for students enrolled in a Special K-12 Program may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of the *Undergraduate Catalog*:

Art—Comprehensive Education Major
 Business Teacher Education—Business Teacher Education Major
 Foreign Languages—Education Major
 Music—Education Major
 Physical Education—Education Major

Students who complete one of the programs above and earn a K-12 certificate may teach only in that area. Students may add endorsements to a K-12 certificate. Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of Education.

Special Education (P-21) (Type 10)

Students in Special Education may complete a sequence in any of the following areas: Specialist in Learning and Behavior, Specialist in Deaf and Hard of Hearing, and Specialist in Low Vision and Blindness. To ensure full certification, the pattern of preparation should include General Education as previously described for transfer students, and the Professional Education and Area of Specialization requirements described in the Special Education section of this *Undergraduate Catalog*.

All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students enrolled in the approved Special Education sequences will be assigned to do student teaching in K-12 sites.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Observation, participation, studies of individual pupils, simulated teaching, individual field work, student teaching and practicum are included in the Clinical Experiences program. The experiences offered prior to student teaching are usually integral parts of specific college courses. Clinical Experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Office of Clinical Experiences and Certification Processes coordinates all placements for Clinical Experiences. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description in this *Undergraduate Catalog*. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one on one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

STUDENT TEACHING REQUIREMENTS

The following applies to all those student teaching:

The number of semester hours of student teaching required varies with the student's curriculum. A student does student teaching in his or her major field of study. A student must meet all eligibility requirements for student teaching in that major field.

The following requirements must be met prior to participation in student teaching. Students may be removed from the student teaching assignment if at any time these requirements are not met.

1. Approval for student teaching by the Director of Clinical Experiences and Certification Processes (CECP) Office. This approval will include verification of all of the following:

- a. formal Admission to Professional Studies at least 1 semester prior to the beginning of the student teaching semester;
 - b. successful completion at Illinois State University of at least 4 hours of Professional Education approved by the appropriate education department;
 - c. a minimum of 85 hours of college credit earned;
 - d. completion of pre-student teaching field experiences commensurate with attaining local, state, and national standards;
 - e. an application for student teaching filed in the Office of CECF at least 6 months prior to the planned student teaching semester;
 - f. satisfactory completion of prerequisite courses to STT 399 (listed under University-wide Courses);
 - g. meeting all requirements of Admission to Professional Studies and Admission to Student Teaching as stated in the Performance-based Assessment System;
2. Approval for student teaching by the student's major department chairperson or school director or designee. This approval will be based on the following criteria. The student:
 - a. has demonstrated content knowledge in the student's major area of study;
 - b. possesses professional knowledge necessary for performing teaching responsibilities;
 - c. has performed at an acceptable level during the pre-student teaching clinical experiences;
 - d. shows evidence of professional characteristics and interpersonal skills necessary for working with children and youth;
 - e. has completed all other departmental/school requirements, including minimum major GPA (see major department or school for additional requirements).

Student Teaching Assignments

The University will assign student teachers to selected schools or professional development schools (PDS) in Illinois during regular semesters. Personnel of the Office of Clinical Experiences and Certification Processes, in cooperation with the head of the student's major department or school, make the student teaching assignments and perform procedures related to student teaching. Teacher candidates may not self-place. Student teachers are assigned only to classrooms that have regularly employed full time and fully qualified teachers. Assignments are not made to a school in which the teacher candidate or a family member is currently or has been employed. A student teacher may not receive a salary or an income for student teaching.

During this period in the school, the student teacher works with one or more cooperating teachers who are responsible for teaching a specific group or groups of pupils. These cooperating teachers, along with the University supervisors, have responsibility for guiding and evaluating the work of the student teacher. During this experience, the student becomes a member of the school staff and of the community in which he or she is working.

Any student who has a prolonged illness or temporary disability and who is unable to continue in his/her student teaching assignment should consult with the Associate Director of the Office of Clinical Experiences. A clearance from a physician will be required stating that the student is again able to continue in his/her student teaching assignment without any contingencies.

The Associate Director of Clinical Experiences, upon the recommendation of the college supervisor, chairperson, or director of the student's major department or school, may remove a student from the assignment or require a student to do additional work and continue student teaching until the student is sufficiently competent to be recommended for certification. Entitlement for certification is not an automatic procedure.

Student teaching assignments begin and end on the dates indicated in the student's official notice of assignment. Ordinarily, the student is expected to follow the school calendar of the school in which student teaching is done insofar as vacations and school holidays are concerned. Changes in dates involved in an assignment must receive the prior permission of the Associate Director of Clinical Experiences.

A teacher education candidate for initial certification must earn a grade of C or better in student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Education.

Complaints Regarding Teacher Education Matters:

For information on how to appeal department and college decisions regarding admission, retention, evaluation, and certification relative to Teacher Education, contact the Cecilia J. Lauby Teacher Education Center, 56 DeGarmo Hall. All appeals regarding teacher education will be reviewed only by the Teacher Education Review Board/Council for Teacher Education.

Certification for Persons Who Have Been Convicted of a Crime:

Students who have been convicted of felonies or any sex, narcotics or drug offenses may be ineligible for certification in the State of Illinois. If candidates can answer "yes" to any of the following questions, they must contact the Associate Director of the Cecilia J. Lauby Teacher Education Center, DeGarmo Hall prior to application for Admission to Professional Studies:

Have you ever been convicted of a felony, or any sex, narcotics or drug offense in Illinois or any other state? Have you ever been named by a state agency responsible for child welfare as a perpetrator in an indicated report of child abuse or neglect if such report was not reversed after exhaustion of any appeal? Are you in default on an Illinois student loan for which you have

failed to establish a satisfactory repayment plan with the Illinois Student Assistance Commission? Have you ever had a certificate denied, suspended or revoked in Illinois or any other state? Have you failed to file a tax return with the Illinois Department of Revenue, or failed to pay any tax, penalty, or interest owed or any final assessment of same for any tax as required by law administered by that Department was not subsequently resolved to the Department's satisfaction?

In many cases such offenders may become certified as teachers in the State of Illinois if the offense is not one which bars the person from certification and employment in public schools and if the institution has followed certain procedures. According to the Illinois State Board of Education, institutions should have information regarding convictions at the beginning of a student's career in teacher education. This allows the institution time to observe the student's performance and the State Board time to determine whether the conviction is one which would bar an individual from employment in a public school or from certification. The Council for Teacher Education at Illinois State University has established strong standards for admission and retention in teacher education programs. Beyond the criteria listed above for state certification issues related to criminal convictions, any teacher candidate who has two or more criminal convictions in the preceding three years may be refused progress through a teacher education program at Illinois State University. If there is any question about these standards, please contact the Associate Director of the Cecilia J. Lauby Teacher Education Center, Room 56, DeGarmo Hall, as early as possible.

University-Wide Curriculum

Illinois State University offers major and minor programs that allow students to synthesize knowledge that spans two or more academic disciplines. Each interdisciplinary program is directed by a faculty member. Faculty from across the University deliver courses within these programs. In addition, the University offers interdisciplinary (IDS) courses that transcend the boundaries of a single discipline.

The following courses, majors, minors, and requirements may apply and be available to students from a wide variety of majors and disciplines. These include:

Majors

- Interdisciplinary Studies: B.A., B.S.
- University Studies: B.A., B.S.

Minors

- African-American Studies
- African Studies
- Children's Studies
- Civic Engagement and Responsibility
- Cognitive Science
- Ethnic Studies

- Interdisciplinary Studies
- International Studies
- Latin American, Caribbean and Latino/a Studies
- Middle Eastern and South Asian Studies
- Native American Studies
- Peace and Conflict Resolution Studies
- Urban Studies
- Women's and Gender Studies

Courses

- Honors Courses
- Interdisciplinary Courses
- International Studies Courses

University-Wide Majors

MAJOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Jim Weinzierl
336 Schroeder, Campus Box 4660
(309) 438-8579

Web address: IDS.IllinoisState.edu

Degrees Offered: B.A., B.S.

General Information

Under the Major in Interdisciplinary Studies, a student may construct one of three individualized programs of study that differ from the University's regular major programs. These options use existing University courses and lead to the Bachelor of Arts or Bachelor of Science degree in Interdisciplinary Studies. Each sequence addresses a different set of educational objectives.

- I. The Individualized Sequence of the Major in Interdisciplinary Studies allows a student to design, with the help of a faculty sponsor, a specialized program of study that is not offered by the University. This program is intended for the student whose specific interests cannot be accommodated within existing programs. Some topics recently chosen by students include Classical Civilization, Agricultural Communication, Three-Dimensional Design, Human Services and Needs, International Public Administration, and Theatre Management. The Individualized Sequence is often a second or auxiliary major but may be proposed as a primary major.
- II. The Multidisciplinary Studies Sequence of the Major in Interdisciplinary Studies is built around the offerings of two or more departments or schools. It is intended for the student who is seeking a baccalaureate degree without the specialization of a traditional major. The student chooses the focus of the program, with the help of a faculty advisor, by determining the departments or schools in which he or she wishes to pursue advanced work.
- III. The Human and Educational Services Sequence recognizes work that students have completed in working

toward a degree in Special Education (SED) or Curriculum and Instruction (C&I). Completion of this degree program does not allow for certification as a teacher.

Please note: The major in Interdisciplinary Studies does not prepare a student for a specific professional career or graduate field, nor does it satisfy the requirements for Teacher Certification. Because of its general nature, this program may require graduates to convince prospective employers or graduate schools that the students' degree preparation will enable them to succeed in a particular job or educational endeavor.

Procedure:

1. Admission to the Individualized and Multidisciplinary Studies Sequences of the Major in Interdisciplinary Studies may be requested after the completion of 15 semester hours of course work and before the completion of 75 semester hours. Applications must be submitted during September and February.
2. Information on the application process is available in 336 Schroeder Hall. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Major Committee, and the Office of the Provost. For the Human and Educational Services Sequence, students must be majors in either Special Education or Curriculum and Instruction and will receive advisement from their departmental advisor.
3. Except for the Human and Educational Services Sequence, at least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to Jim Weinzierl, Campus Box 4660, 336 Schroeder Hall. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.
5. If the Individualized Sequence is a student's primary major, courses included in the approved program may not be used to meet General Education requirements. Only one course from the departments or schools specified in the Multidisciplinary Sequence may be used to meet the General Education requirements.

MAJOR IN INTERDISCIPLINARY STUDIES

General Requirements:

1. 120 semester hours.
2. Completion of General Education requirements.

3. 42 senior-college (200- to 300-level) hours, 9 hours of which must be at the 300-level.
4. A 3.25 cumulative GPA at the time of application for Individualized and Multidisciplinary Studies Sequences, a 3.00 GPA at time of application for Human and Educational Services Sequence.

Major in Interdisciplinary Studies; Individualized Sequence Requirements:

The Individualized Sequence is an Interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing majors at Illinois State. The Major in Interdisciplinary Studies: Individualized Sequence is usually a second auxiliary major but may be proposed as a primary major.

Students who complete the Individualized Sequence will earn a Bachelor of Arts or Bachelor of Sciences degree and have their transcripts noted: "Major in Interdisciplinary Studies: Individualized Sequence: _____" (the theme that is specified on the plan of study).

- 120 hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
- Approved plan of study from at least two academic departments or schools containing 36-55 hours.

Major in Interdisciplinary Studies; Multidisciplinary Studies Sequence Requirements:

Students who complete the Multidisciplinary Studies Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in Interdisciplinary Studies: Multidisciplinary Studies Sequence."

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
- An approved plan of study with a minimum of 36 hours from at least two departments or schools, including 12 senior-college hours (200- to 300-level) from each of 2 departments or schools and a maximum of 25 hours from any one of the departments or schools.

Major in Interdisciplinary Studies; Human and Educational Services Sequence Requirements:

Only those students who leave the Special Education or Curriculum and Instruction major their senior year will be eligible for admission into the Major in Interdisciplinary Studies; Human and Educational Services Sequence. Applicants to this program must be referred by Special Education or Curriculum and Instruction department advisors. Students in this program will earn a Bachelor of Arts or Bachelor of Science Degree and have their transcripts noted: "Major in Interdisciplinary Studies: Human and Educational Services Sequence."

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours must be met.

- In addition, the approved plan of study must include a minimum of 36 semester hours, of which at least 24 hours are at the 200-300 level. These courses must include a minimum of 27 hours from Special Education and/or Curriculum and Instruction, as well as 9 hours of advisor-approved electives from departments outside of Special Education and Curriculum and Instruction.

MAJOR IN UNIVERSITY STUDIES

Program Coordinator: University College
324 Fell Hall, Campus Box 4060
(309) 438-3217

Degrees Offered: B.A., B.S.

Admission Requirements:

This degree program is intended for students who are admitted and enrolled at Illinois State University and who either are unable to meet the admission/retention requirements for majors with requirements above the University minimums, or who while performing successfully in their major, discover late in their program of study that they do not wish to pursue the career path that follows from their initial major and degree choice.

NOTE: The Major in University Studies is not as clearly understood outside the university as traditional baccalaureate majors. Students earning this degree may be required to persuade prospective employers or graduate schools that this degree will enable them to be successful in a particular job or a future educational endeavor.

In order to be admitted to the major, applicants must:

- have completed a minimum of sixty (60) hours and be in good academic standing with a GPA of 2.00 or higher, and
- complete an approved Plan of Study in collaboration with a program advisor.

This degree is not available to second bachelor degree candidates.

Degree Requirements:

- Completion of all graduation requirements for the B.A. or the B.S. degree as listed in this *Undergraduate Catalog*.
- Completion of all course requirements as listed on the student's approved Plan of Study. (All changes to the initial Plan must be approved by the program advisor.)
- A minimum of 9 credit hours in the major taken at the 300-level.
- **General Studies Option:** A concentration of a minimum of 18 hours in each of two different disciplines as approved in the Plan of Study, **or**
- **Specialized Studies Option:** A concentration of a minimum of 30 hours in one department or school as approved in the Plan of Study, **or**

- **Liberal Studies Option:** A concentration of a minimum of 36 hours bridging academic disciplines as approved in the Plan of Study.

University-Wide Minors

MINOR IN AFRICAN-AMERICAN STUDIES

Advisor: Ronald Gifford, Department of History
321 Schroeder Hall, Campus Box 4420
(309) 438-8298, rmgiff@ilstu.edu

The Minor in African-American Studies provides an interdisciplinary approach to exploring facets of Black culture within the United States. This program is designed to be of interest to students who want to explore the many contributions of African-Americans to the political, historical, social and artistic fabric of the United States. Students are required to take a core of three courses on African-American history and literature, as well as elective courses in the social sciences (History, Sociology, and Politics and Government) and in the humanities and fine arts (English, Music, and Theatre).

- 24 hours required.
- Required core (9 hours): ENG 165; HIS 257, 258.
- Choose 3 courses (9 hours) from group A and 2 courses (6 hours) from group B.

Group A (9 hours): HIS 111 or SOC 111;
POL 140, 334; SOC 264.

Group B (6 hours): ENG 265, 365; IDS 203.05; MUS 153, 154; THE 154.

Other courses approved by the minor advisor may be counted toward the minor.

NOTE: Please refer to specific departments or schools for further course information including prerequisites.

MINOR IN AFRICAN STUDIES

Director: Agbenyega Adedze, Department of History
315 Schroeder Hall, Campus Box 4420
(309) 438-8367, adedze@ilstu.edu

Advisor: Ronald Gifford, Department of History
321 Schroeder Hall, Campus Box 4420
(309) 438-8298, rmgiff@ilstu.edu

A Minor in African Studies will complement a major in several disciplines. It is therefore designed as a multidisciplinary program where the student will take courses in the social sciences, arts, and humanities (Anthropology/Sociology; Languages, Literatures, and Cultures; English; Geography; History; Music; Politics and Government; and Theatre). The Minor will provide students with a broad background in African history, societies, culture, and politics. The program is directed towards students with a view of visiting or working in Africa or those who are interested in government or public service careers.

- 21 hours required.
- 9 hours required (3 courses) from the following: GEO 235, 250; HIS 104.01, 265, 266; POL 246. (At least two disciplines must be represented from this list.)
- Choose 4 courses (12 hours) from the following electives: GEO 235.01, 250; HIS 104.01, 265, 266; POL 246 (if not taken as part of required core); ANT 181, 185; LAN 206; MUS 139.21, 153, 154, 239.21; THE 271, 275.
- No more than 9 hours may be selected from the student's first or second major department.

Other courses approved by the minor advisor may be counted toward the minor.

NOTE: Please refer to specific departments or schools for further course information including prerequisites.

African Studies minors are encouraged to study abroad in Africa. There are a number of study abroad programs in which students can participate that range in length from a summer to a semester, or an entire academic year. Interested students should contact the Office of International Studies and Programs.

MINOR IN CHILDREN'S STUDIES

Advisor: Dr. Roberta Seelinger Trites, Department of English
409 Stevenson Hall, Campus Box 4240
(309) 438-4572, seeling@ilstu.edu

The Minor in Children's Studies provides an opportunity for students to enhance their knowledge of children and child culture through interdisciplinary exploration of child-related issues. This program is designed to be of interest to students who wish to pursue child-related emphases in their major disciplines, such as children's literature, child psychology, children's history and culture, pediatrics, juvenile justice, or social work with children, or for those who wish to learn more about the subject of childhood from multidisciplinary frames of reference. The minor will also provide a foundation for those students who intend to go to professional or graduate school to pursue child-centered research interests.

- A minimum of 24 hours, including FCS 112 or HIS 112 or SOC 112 and one of the following: FCS 101, PSY 301, C&I 210.
- The remaining 18 hours must include a minimum of 2 courses from Group A and a minimum of 2 courses from Group B.
- Group A: ENG 170, 271, 272, 370, 372, 373, 374, 375; MUS 371.
- Group B: C&I 233; CJS 215; CSD 115, 175; FCS 231; 233; 250; HIS 261, 262, 330; NUR 208; POL 339; PSY 215, 302; 346; SOC 262.
- With permission of the minor advisor the following categories of courses may be counted toward the minor.

- 1-3 hours of an internship with a child-related agency, arranged through a department.
- 1-3 hours of an independent study on a child-related topic.
- 1-3 hours of a special topics course on a child-related topic, offered through a department.

- **NOTE:** No more than 9 hours may be selected from the student's first or second major department.

MINOR IN CIVIC ENGAGEMENT AND RESPONSIBILITY

Advisor: Dr. Lance Lippert, School of Communication
424 Fell Hall, Campus Box 4480
(309) 438-8869; llipper@ilstu.edu

In teaching civic engagement at Illinois State University, we strive to develop civically responsible individuals who embrace their membership in communities and society by owning social issues and working to be a part of the solution, which requires ethical and civic judgements and actions when appropriate. Illinois State University's values are at the core of this minor as students will prepare to participate in social change as well as develop an awareness of personal social responsibility. This minor is intended to prepare students to engage actively in their citizenship. The interdisciplinary minor is open to all students of any ideological viewpoint and can be positively matched with any major as a way to broaden the student's learning experience and career perspectives. A civically educated individual (1) gains a sense of self-awareness as a citizen, (2) actively participates in community service, (3) develops an appreciation of diversity, (4) comprehends the interdependence within communities, societies, and the world, (5) grows an understanding of the democratic process, (6) displays critical thinking within the arena of democratic conversations and social issues, (7) becomes effective at problem-solving and change, and (8) is able to personally integrate reflection on service, social issues, and course content. This minor will provide students with opportunities to sharpen critical analysis, skill development, and personal reflection as well as substantive opportunities to study and perform civic engagement in their communities.

- 21 hours required.
- Prerequisites for Minor: COM 110; ENG 101.
- Required core courses (9 hours): IDS 125, 398.02; POL 101.
- Choose 4 courses (12 hours) from the following (only one 100-level course can be taken): CJS 201; COM 201, 270, 272, 274, 303, 304, 371, 375; EAF 228, 231, 235; FCS 328, 333; HIS 240, 253, 272; PHI 104, 150, 234, 236, 240; POL 105, 106, 214, 220, 221, 222, 225, 233, 312; SOC 240, 333, 366; TEC 175; THE 154, 270, 344.
- **NOTE:** Other courses approved by the Minor Advisor may be counted toward the minor.
- **NOTE:** No more than two elective courses (6 hours) can be taken in any single department.

MINOR IN COGNITIVE SCIENCE

Director: David L. Anderson
Department of Philosophy
323H Stevenson Hall, Campus Box 4540
(309) 438-7175; dlanders@ilstu.edu

- A minimum of 24 hours required for the minor, depending on the emphasis chosen and the level of preparation of student. Programs must be planned in consultation with an advisor. Students are required to seek an advisor through the Director of Cognitive Science Studies.
- Required courses: One course is required of all students, IDS 265: Introduction to Cognitive Science: Computers, Minds, Brains, and Robots. Other requirements will be met by developing a planned course of study approved by a Cognitive Science Studies advisor. In consultation with the advisor, the student will choose an emphasis that is *outside* the student's major and will fulfill the requirements of that emphasis.

Emphases:

Computer Science: ITK 168, 179; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group B; and 2 elective courses (6 hours) from Groups C, D, E, or F.

Linguistics: PHI 112 or 210; ENG 341; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group C; and 2 elective courses (6 hours) from Groups B, D, E, or F.

Philosophy: PHI 112 or 210, PHI 253 or 315; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group D; and 2 elective courses (6 hours) from Groups B, C, E, or F.

Psychology: PSY 138 (recommended) or ECO 138 (acceptable); PSY 231; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group E; 2 elective courses (6 hours) from Groups B, C, D, or F.

Course Groups:

Group A (Quantitative Skills): MAT 120, 145, 146, 175, 250, 260; PHI 112 or 210 (MAT 210); PSY 138 (recommended) or ECO 138.

Group B (Computer Science): ITK 168, 179, 261, 279, 327, 340, 367, 388.

Group C (Linguistics): ANT/ENG/LAN 143, ANT/ENG 342; ANT 277; COM 370, 372; CSD 175; ENG 241, 243, 245, 310, 341, 344; LAN 209.12, 215.15, 262.15, 310.13, 340.12, 360.15.

Group D (Philosophy): PHI 250, 251, 253, 255, 256, 315; PHI *305, *310, *363. NOTE: Courses with * may be used only when the topic is approved by a Cognitive Science advisor.

Group E (Psychology): PSY 231, 253, 263, 331.04, 331.07, 360, 361, 367, 368, 369.

Group F (Related Courses): ANT 286, 288, 290; BSC 286, 297, 343.

NOTE: Please refer to specific departments for further course information.

Cognitive Science Course

IDS

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS OC-SMT
3 sem. hrs.

Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, Biology, that contribute to the scientific study of intelligent systems (minds). Prerequisites: Inner Core; MC-QR or one semester of Foreign Language.

MINOR IN ETHNIC STUDIES

Director: Susan Kalter, Department of English
203 Williams/Stevenson 420E, Campus Box 4240
(309) 438-8660; smkalt@ilstu.edu

Website: <http://ilt.ilstu.edu/ethnicstudies/>

Ethnic Studies is the study of race and ethnicity in U.S. and transnational contexts. Students and faculty in this area examine how social categories like race, indigeneity, culture, ethnicity, and nation are conceptualized. They also familiarize themselves with the specific and comparative experiences both historical and contemporary of the major population groups that make up the United States. The program at Illinois State allows participants to examine regional, national, and global dimensions of these experiences.

Student in the minor must complete a minimum of 22 hours representing 8 courses as indicated from Groups I, II, and III; at least 4 courses must be above the 100-level; no more than 3 courses may be from one department or school. Students may use departmental or IDS 287, 298, or 398 courses for one course in Group II and/or one course in Group III. No more than 9 hours applied toward this minor may overlap with hours applied toward any other minor.

Students interested in pursuing a major in this area may arrange their program of study through the Interdisciplinary Studies Major program.

Minors are also available in three specific areas: African-American Studies; Latin American, Caribbean, and Latino/a Studies; and Native American Studies.

A list of affiliated faculty and more information is available on the Ethnic Studies website.

Group I - Ethnicity (Students must complete 2 courses)

—ANT 281, 285; C&I 110; COM 272, 372; HIS/SOC 111; IDS *121.52; POL 334; SOC 264, 366.

NOTE: Other courses with appropriate content for Group I may be approved by the faculty director.

Group II - Race and Ethnicity in the United States. (Students must complete 4 courses chosen from at least 2 departments or schools.)

- ANT 272, 278; C&I 111, 232, 312, 319, 320, 321, 322; CJS 308; CSD 375; ECO 230; ENG 165, 265, 266, 365; *HIS 104.06, 257, 258; 264, 273, 310; *IDS 121.29, *121.37, *121.40, *121.41; MUS 153, 154; NUR 312; PSY 327; SOC 109; SWK 310; THE 154.

NOTE: Other courses with appropriate content for Group II may be approved by the faculty director. Courses in non-English U.S. literatures and cultures, if appropriate to the minor and the student's focus as determined by the faculty director, will be approved.

Group III - Global Contexts (Students must complete 2 courses.)

- ANT 185, 283, 294, 307, 308, 373; ART 275; ENG/LAN 206; GEO 235, 250, 255; *HIS 104.01, *104.02, *104.03, *104.04, *104.05, 263, 265, 266, 269, 270, 271, 272, 275, 276, 282, 283, 307, 335, 373, 375, 378; *IDS 121.02, *121.26, *121.31, *121.42, *121.43, 133.02, 133.03, 133.04, 203; LAN (CHI) 115.17; LAN (FR) 314.12, 325.12; LAN (JAP) 115.18, 116.18; LAN (SPA) 115.15, 116.15, 244.15, 336.15; MUS 216, 275; NUR 313; PHI 207, 208; POL 140, 240, 245, 246, 247, 340, 345, 349; SOC 220; THE 271, 275.01, 275.02, 374.

NOTE: Other courses with appropriate content for Group III may be approved by the faculty director. Courses in second-year language (and beyond) and courses in global English-language or non-English-language literatures and cultures, if appropriate to the minor and the student's focus as determined by the faculty director, will be approved.

*NOTE: HIS 104 and IDS 121 may be taken only once each for credit.

MINOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Jim Weinzierl, Department of Sociology/Anthropology
336 Schroeder Hall, Campus Box 4660
(309) 438-8579, jeweinz@ilstu.edu

Web address: IDS.IllinoisState.edu

Illinois State University offers students the opportunity, under the Minor in Interdisciplinary Studies, to construct a program of study that differs from the University's regular minor programs.

The Individualized Requirements provide an Interdisciplinary program that may be used to attain specific

educational goals that cannot be accommodated by existing minors at Illinois State.

Minor in Interdisciplinary Studies; Individualized Sequence Requirements:

Students who complete the Individualized Sequence will have their transcripts noted: "Minor in Interdisciplinary Studies: Individualized Sequence: _____," (the theme that is specified on the plan of study).

- Approved plan of study from at least 2 academic departments/schools containing 18-24 hours.
- A 3.25 cumulative GPA at the time of application.

Procedure:

1. Admission to the Minor in Interdisciplinary Studies may be requested after the completion of 15 semester hours of course work and before the completion of 75 semester hours. Applications must be submitted during September or February.
2. Information on the application process is available from Jim Weinzierl, 336 Schroeder Hall, Campus Box 4660. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Minor Committee, and the Office of the Provost.
3. At least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to Jim Weinzierl, 336 Schroeder Hall, Campus Box 4660. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.

MINOR IN INTERNATIONAL STUDIES

International Studies
308 Fell Hall, Campus Box 6120
(309) 438-5365

Advisor: Allison Anson, Academic Advisement
369 Fell Hall
(309) 438-7604; alanson@ilstu.edu

The Minor in International Studies is an interdisciplinary program that is designed to offer students an opportunity to take a global perspective on their education.

The program's features include a background in foreign language, a focus on issues related to internationalization or globalization of society, a focus on a geographic area of the world, and participation in a formal study abroad experience.

Academic advisement is essential to this highly individualized program in order for students to construct programs that will fit their individual needs.

- 24 hours required, including LAN 115 or equivalent; 6-12 hours in Category A; 9-15 hours in Category B; and participation in a study abroad or alternative international experience.
- Participation is required in a 6-credit hour (or greater) study abroad experience sponsored by Illinois State University or alternative international experience approved prior to participation by the minor advisor. Courses taken while studying abroad may be counted toward the minor. Contact the International Studies Advisor for information on which courses offered in each program may be counted toward the minor.
- Up to 9 hours (excluding courses in Category A) taken in the minor may also be applied toward the student's major. At least 9 hours of the minor must be at the 200-level or above.
- Additional foreign language study is strongly encouraged. Special emphasis should be placed on developing oral communication skills.

CATEGORY A—International Issues:

- 6-12 hours required. Courses in the student's first major may not count toward category A requirements. A maximum of 2 courses from any 1 department or school may be taken. Choose from the following: AGR 201; ANT 175, 185; ART 275; CJS 369; COM 355, 369, 372; ECO 210, 245, 345; ENG 206, 255, 261; GEO 135; HIS 104, 230, 270; IDS 203; INB 190; LAN 206; POL 140, 150, 151, 251, 252, 254, 255, 344, 351, 358, 363; SOC 108, 366; THE 271, 275.01, 275.02; WGS 120, or other courses approved by the International Studies Advisor.

CATEGORY B—Area Studies:

- 9-15 hours required. Only courses taken in 1 area listed below may be counted toward the minor. Many Illinois State University Study Abroad program courses count.
- In addition to the courses listed below, any pertinent course on the history, literature, economic, social, or political structures of a foreign country or culture may be counted toward the minor, provided it receives approval in advance from the International Studies advisor. The International Studies advisor will help students choose courses appropriate to their area studies concentration and career objectives.
- **Latin America:** HIS 263; LAN(SPA) 116, 244, 305; POL 140, 240, 340.
- **Europe:** ART 372, 379; GEO 240; HIS 102, 229, 234, 237, 366; LAN 116 (FR, GER, ITN, SPA), 217 (GER), 218 (GER), 243 (SPA), 305 (FR), 305 (SPA); POL 141, 242, 341.
- **Africa:** GEO 250, HIS 266; LAN 325; POL 140, 246.
- **South and Southwest Asia (Middle East, India, Pakistan, Sri Lanka):** GEO 255; HIS 272, 378; PHI 207, 208; POL 140, 245, 247, 349.

- **East Asia:** HIS 373, 375; LAN 116 (JPN), PHI 208; POL 140, 245, 345.
- **NOTE:** Please refer to specific departments or schools for further course information.

MINOR IN LATIN AMERICAN, CARIBBEAN, AND LATINO/A STUDIES

Director: Dr. Maura Toro-Morn,
Department of Sociology and Anthropology
361 Schroeder Hall, Campus Box 4660
(309) 438-8290; LatinoStudies.IllinoisState.edu

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604, jclaus@ilstu.edu

The goals of the Minor in Latin American, Caribbean, and Latino/a Studies are (a) to provide students with key concepts, information, and a foundation of knowledge rooted in several academic disciplines; (b) to examine the social, political, and cultural challenges of Latin America, the Caribbean, and the Latino/a populations in the global community; and (c) to foster a multi cultural, pluralistic, and multi-lingual environment by focusing on the interrelations between the United States, Latin America, the Caribbean, and its descendant populations.

This program is student centered and flexible. Students are expected to complete course work in a variety of disciplines and departments. All individual programs of study must be planned in consultation with the Latin American, Caribbean, and Latino/a Studies advisor.

- 24 hours required.
- **Language Requirement:** Students must complete 6 semesters of high school or second semester college (112) coursework in either Spanish or Portuguese. Note: Portuguese is not offered at Illinois State, but transfer credit will be accepted. Also, foreign language credit below the third semester level (115) does not count toward the minor requirement of 24 hours.
- A plan of study approved by the advisor including courses from at least three of the following groups.

Group A - Department of Curriculum and Instruction (Bilingual Education): C&I 319, 320, 321, 322.

Group B - Department of Languages, Literatures, and Cultures: LAN (Spanish) 115, 116, 233, 240, 244, 325, 336.

Students are strongly encouraged to study abroad in the Department of Language, Literatures, and Cultures' summer program in Taxco, Mexico and other available programs for study in Latin America and the Caribbean. See office of International Studies and programs for information.

Group C - Department of Geography and Geology: GEO 235.02.

Group D - Department of History: HIS 104.03, 263, 282, 283.

Group E - Department of Politics and Government: POL 240, 336, 340.

Group F - Department of Sociology and Anthropology: SOC 109.

NOTE: Other courses with appropriate content may be approved by the advisor, particularly LAN (Spanish) 305, 360; HIS 306; and IDS 203.15 when topic is Latin America.

MINOR IN MIDDLE EASTERN AND SOUTH ASIAN STUDIES

Director: Ali Riaz, Department of Politics and Government
401 Schroeder Hall, Campus Box 4600
(309) 438-8638, ariaz@ilstu.edu

Advisor: Erik Rankin
Department of Politics and Government
401 Schroeder Hall, Campus Box 4600
Phone: (309) 438-3709, etranki@ilstu.edu

The Minor in Middle Eastern and South Asian Studies provides an interdisciplinary approach to exploring the politics, society, cultures and economics of the countries in the Middle East and South Asia. This program is designed to be of interest to students who want to explore the socio-political-economic dynamics of the countries located in the region and their roles in the world. It also examines the impacts of the global politics, especially the US foreign policies, on the socio-political environment of this region. Students are required to take a core of four courses in history, politics, geography and interdisciplinary studies, as well as elective courses in the social sciences (History, Sociology, Geography, and Politics and Government), and in the humanities and fine arts (English, and Languages, Literatures, and Cultures).

- 21 hours required.
- Required core courses (12 hours): GEO 235.03 or 235.04; HIS 104.04 or 104.05; IDS 203.20 or 203.25; POL 245, 247 or 345.
- Choose 3 courses (9 hours) from the following: ECO 205, 245; ENG 206; GEO 255; HIS 270, 271, 378; LAN 206; POL 225, 254, 349; SOC 268.
- NOTE: No more than 9 hours may be selected from the student's first or second major department.

Other courses approved by the director may be counted toward the minor.

Participation in Middle Eastern or South Asian universities through Illinois State University or alternative study abroad programs, while not required, is strongly encouraged. Students can accumulate up to 6 credit hours of electives.

NOTE: Please refer to specific departments or schools for further course information including prerequisites.

MINOR IN NATIVE AMERICAN STUDIES

Director: Susan Kalter, Department of English
Stevenson 424J, Campus Box 4240
(309) 438-8660; smkalte@ilstu.edu

Website: lilt.ilstu.edu/nativestudies

The minor in Native American Studies is designed to familiarize students with the histories, literatures, cultures, and futures of the indigenous citizens of North America. It will be of interest to students who wish to explore the unique political and social relationship that the First Nations and their members hold with the United States. It provides students with key concepts, information, and a foundation of knowledge rooted in several academic disciplines. Faculty from the departments of Anthropology, English, History, and the School of Theatre participate in this minor. Students are required to take an interdisciplinary core of four courses from three different departments and Interdisciplinary Studies. Two electives from approved offerings by faculty in the field of Native American Studies may be selected as alternatives to the list of electives below.

- 18 hours required.
- Required courses: IDS 121.29; ANT 283; ENG 266; HIS 104.06 or HIS 310.
- 6 hours of additional courses from the following: ANT 272; HIS 104.06, 310 (if not previously taken); IDS 222/223 (with tribal college; may apply 3 hours toward minor); IDS 225 (with tribal college; may apply 3 hours toward minor); 287, 298/398 (may be on- or off-campus; may apply 3 hours towards the minor)

NOTE: This program must be planned in consultation with the Native American Studies faculty director. With director approval, courses other than those listed above may be counted toward the minor.

A list of affiliated faculty and more information is available on the Native American Studies website. Departments participating in the minor: English, History, Sociology/Anthropology, Theatre.

MINOR IN PEACE AND CONFLICT RESOLUTION STUDIES

Program Director: Michaelene Cox
Department of Politics and Government
425 Schroeder Hall, Campus Box 4600
(309) 438-8923, mcox@ilstu.edu

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604; jlclaus@ilstu.edu

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program that includes courses from fourteen departments.

The Minor provides a comprehensive and in-depth approach to peace and conflict resolution theories and

methods. Students are required to take an introductory course, as well as one course from each of five areas of inquiry (social justice, conflict resolution, violence, environment, and globalization), while also specializing in one of these areas with two additional courses. The minor's capstone experience is a professional practice.

The Minor allows students to examine the causes and prevention of war, as well as the nature of violence, including social oppression, discrimination and marginalization. They also learn peace strategies to overcome persecution and transform society to attain a more just and equitable international community. The inquiry encompasses micro to macro perspectives. At the micro end of the spectrum, students investigate non-violent ethics and conflict management; interpersonal communication and relations; intergroup relations; and diversity and gender issues. At the macro level, students explore the dynamics of international conflict, as well as approaches to peace and world order; ethnic and socioeconomic justice; multiculturalism; renewable economics; and biodiversity.

- 27-28 hours required.
- Required core (6 hours): IDS 111, 398.01.
- Choose three courses from one group listed below and one course from each remaining group.

Group A - Social Justice: CJS 102, PHI 238; SOC 106, 108, 264, 366.

Group B - Conflict Resolution: FCS/SOC/HIS 112, FCS 310, HIS 268; POL 252, 255, 351, 363; SOC/HIS 111.

Group C - Violence: CJS 369; IDS 254; PHI 248; POL 352; SOC 365.

Group D - Environment: AGR 201; BSC 202; HSC 156; PHI 236; PHY 207.

Group E - Globalization: ANT 175; ECO 105; IDS 203; INB 190; MQM 349; POL 150, 151.

NOTE: Students are encouraged to consult with the program director and/or advisor regarding course selection and information regarding Professional Practice (IDS 398.01).

Peace and Conflict Resolution Courses

IDS

111 PEACE STUDIES 3 sem. hrs.

A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world. Includes arranged service learning hours.

398.01 PROFESSIONAL PRACTICE INTERNSHIP /COOPERATIVE EDUCATION IN PEACE STUDIES AND CONFLICT RESOLUTION 3-6 sem. hrs.

Practical experience, preferably in an international, national or local organization where peacemaking, conflict resolution and skills are required and learned. Prerequisites: IDS 111 and Minor in Peace and Conflict Resolution Studies.

MC-IS

MINOR IN URBAN STUDIES

Advisor: Alan Lessoff, Department of History
301 Schroeder Hall, Campus Box 4420
(309) 438-8083, ahlesso@ilstu.edu

The Minor in Urban Studies is an interdisciplinary minor sponsored by the Departments of Economics, Geography-Geology, History, Politics and Government, and Sociology-Anthropology. The program is designed to help students focus on the study of urban places from a social science perspective, and should be of interest to those who want to pursue careers in urban related areas such as politics, planning or community development, or to those who wish to pursue graduate study in these areas.

The program's features include required course work in urban geography, history, political science and sociology, and in applied research or analytical techniques. Students may choose from a range of elective courses, independent study with urban studies faculty, and an optional internship.

- 21 hours required.
- Required core (12 hours): GEO 336, HIS 322, POL 221 or 222, SOC 240 or 361.
- Required Methods (3 hours): ECO 238 or GEO 204 or HIS 200 or POL 209 or SOC 271.
- Choose 6 elective hours from the following: GEO 303, GEO 370, HIS 256, SOC 362, or any core course not taken to fulfill the core requirement. Independent Study courses for up to three hours and approved in advance by the Urban Studies advisor also may be used for elective credit.
- Optional Internship (in addition to the 21 required hours) must be coordinated with the Urban Studies advisor.
- Up to 6 hours taken in the minor may also be applied toward the student's major.

NOTE: This program must be planned in consultation with the Urban Studies advisor. Some courses carry prerequisites that require planning on the part of the student. In addition, the Advisor can assist students in tailoring the program to meet their individual interests.

MINOR IN WOMEN'S AND GENDER STUDIES (WGS)

426

Director: Alison Bailey
237 Rachel Cooper, Campus Box 4260
(309) 438-2947

Web address: WomensAndGenderStudies.ilstu.edu

The minor in Women's and Gender Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's and Gender Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gendered implica-

tions of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications for scholarship, the workplace, personal growth and relationships.

- 21 hours required.
- Required courses: WGS 120; ENG 160; HIS 261 or HIS 262; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; COM 128 or ENG 128 or LAN 128; ENG 206 or LAN 206; ECO 230; ENG 260, 261, 360; FCS 112 or HIS 112 or SOC 112; FCS 222, 233, 327; HIS 261 or HIS 262 if not chosen to fulfill requirement, HIS 264, 330; IDS 121.39; PHI 202; POL 225, 337, 338; PSY 123 or SOC 123; PSY 305; SOC 264, 265, 341, 342, 366; WGS 390, 391, 392, 398.

NOTE: This program must be planned in consultation with the Women's and Gender Studies director or advisor. With their approval courses other than those listed above may be counted toward the minor.

Social Work Concentration in Women's and Gender Studies: This 12-hour concentration has been designed for social work majors who wish to integrate a working knowledge of gender issues and their intersections with the undergraduate BSW degree. SWK 329 pre-practicum must be with an organization focusing on gender issues.

Women's and Gender Studies Courses

120 WOMEN, GENDER AND SOCIETY MC-IS 3 sem. hrs.

How systems of gender shape societies around the world; how individual and collective actions transform the gender system of a society. May not be taken under the CT/NC option. Formerly IDS/WS 120, *INTRODUCTION TO WOMEN'S STUDIES*. Prerequisites: ENG 101 or COM 110 or concurrent registration.

390 INTERDISCIPLINARY RESEARCH IN WOMEN'S AND GENDER STUDIES 1-6 sem. hrs.

Students will research and write on an interdisciplinary topic of their choice relevant to Women's and Gender Studies. Formerly *INTERDISCIPLINARY RESEARCH IN WOMEN'S STUDIES*. Prerequisites: A detailed proposal approved by the Director of Women's and Gender Studies and signed by 2 faculty advisors from different disciplines required prior to registration.

391 WOMEN'S AND GENDER STUDIES SEMINAR 1-3 sem. hrs.

Intensive and critical examination of selected topics in women's and gender studies. May be repeated; maximum 6 hours. Formerly *WOMEN'S STUDIES SEMINAR*.

392 LESBIAN, GAY, BISEXUAL, TRANSGENDER/ QUEER STUDIES AND THEORY 3 sem. hrs.

Research in the interdisciplinary field of LGBT/Queer Studies, emphasizing how queer theory informs a variety of academic disciplines and discourses. Prerequisites: WGS 120 or consent of instructor.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN WOMEN'S AND GENDER STUDIES 1-6 sem. hrs.

Supervised work experience in local, state, national, or international businesses, agencies, institutions, or organizations focusing on women's or gender issues. May be repeated; maximum 6 hours. Formerly *PROFESSIONAL PRACTICE INTERNSHIP IN WOMEN'S STUDIES*. Prerequisites: 6 hours of Women's and Gender Studies and consent of Director of Women's and Gender Studies.

INTERDISCIPLINARY STUDIES (IDS)

604

Director: Sally Parry, Associate Dean
College of Arts and Sciences
141 Stevenson Hall, Campus Box 4100
(309) 438-5669

University-Wide Courses

These courses may be offered by any department or school of the University. For specific departmental offerings contact the department or school advisor or visit the University Website at IllinoisState.edu.

189, 289, 389 SELECTED STUDIES 1-6 sem. hrs.

Experimental and interdepartmental courses providing content not offered within the framework of courses approved for inclusion in the *Undergraduate Catalog*. For descriptions of the courses offered each semester contact the department or school advisor or visit the University Website at IllinoisState.edu.

193, 293, 393 WORKSHOP 1-6 sem. hrs.

Workshop opportunities are provided for the purpose of permitting students to work on special problems not covered in any one course offered by the University. Topics for investigation by workshop participants are limited to areas in which the University is able to provide adequate workshop staff. Maximum of 6 hours may be applied toward graduation.

198, 298, 398 PROFESSIONAL PRACTICE 1-16 sem. hrs.

Supervised work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised at the departmental level. University-wide coordination is provided through Professional Practice in Student and Alumni Placement Services or through the Office of Clinical Experiences if the experience is in an educational agency or institution. Maximum of 16 hours may be applied toward graduation. Prerequisite: Consent department chair/school director.

287 INDEPENDENT STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study. Maximum of 6 hours may be applied toward graduation. Prerequisites: Consent department chair/school director and supervisor.

291 SEMINAR: UNDERGRADUATE TEACHING ASSISTANTS**1-3 sem. hrs.**

Supervised examination of issues related to the Undergraduate Teaching Experience. Seminar requires time beyond the UTA work experience. Maximum of 3 hours may be applied toward graduation. Prerequisites: Official designation as an Undergraduate Teaching Assistant (UTA). Consent department chair/school director.

299 INDEPENDENT HONOR STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination. Maximum of 6 hours may be applied toward graduation. Prerequisites: Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Consent instructor, department chair or school director, and Director of Honors.

397 INSTITUTE**1-9 sem. hrs.**

Federal- and state-sponsored institutes or similar short-term programs requiring treatment of subject matter of a special nature or for special groups.

399 STUDENT TEACHING**1-16 sem. hrs.**

Directing the learning of pupils; participating in school and community activities; assuming full responsibility for a group of learners under the supervision of an expert teacher. Assignments are made on the basis of the student's area of specialization. The student's transcript indicates the area in which student teaching was completed. Prerequisites: 2.50 cumulative GPA required. Approval of department chair or school director and the Director of CECP. 15 hours of course work or equivalent at Illinois State. All requirements for Admission to Student Teaching must be met by December 15 for student teaching during the spring semester and by July 15 for student teaching during the fall semester.

High school teaching (6-12): Prerequisites: PSY 215 or C&I 210; C&I 212, 214, and 216 and a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Special Areas (K-12): Prerequisites: PSY 215 or C&I 210; C&I 212, 214, and 216, and a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences in K-12 sites.

Middle Level Teacher Education (K-9): Prerequisites: C&I 390, minimum of 100 hours of approved pre-student teaching Clinical Experiences, completion of Field of Study required prerequisite for student teaching in areas of concentration.

Early Childhood Education (Age 0-Grade 3):

Prerequisites: C&I 283, minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Elementary Education (K-9): Prerequisites: C&I 211, 257, 258; minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Special Education (K-12): Prerequisites: Specific courses are required in each sequence. See listing of requirements in individual Special Education sequence. All sequences require the completion of a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Other requirements as listed in the University-Wide Teacher Education section of this *Undergraduate Catalog*.

Honors Courses**102 HONORS COLLOQUIUM****1-4 sem. hrs.**

Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme. May be repeated once for credit if topic is different. Materials charge optional for Presidential Scholars Freshman Colloquium.

202 ADVANCED HONORS COLLOQUIUM**3 sem. hrs.**

Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program. May be repeated once if topic is different. Prerequisites: Junior standing or consent Honors Director.

225 NATIONAL COLLEGIATE HONORS EXCHANGE**1-6 sem. hrs.**

Honors study for one semester at another university. Prerequisite: Participation in Illinois State Honors Program.

285 HONORS UNDERGRADUATE RESEARCH**1-3 sem. hrs.**

Honors student assists a faculty member on the faculty member's research project. May be repeated. Prerequisite: Consent Honors Director required.

286 HONORS UNDERGRADUATE RESEARCH II**1-3 sem. hrs.**

Continuation of IDS 285. May be repeated. Prerequisite: IDS 285.

299 INDEPENDENT HONOR STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination. Maximum of 6 hours may be applied toward graduation. Limit of 9 hours IDS 299 and 395 combined may count toward graduation. Prerequisites: Consent instructor, department chair or school director, and Director of Honors. Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study.

395 HONORS THESIS**1-6 sem. hrs.**

Intensive research in a special area of the student's major. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Maximum of 6 hours may be applied toward graduation. Limit of 9 hours of IDS 299 and 395 combined may count toward graduation. Prerequisites: Consent instructor, department chair or school director, and Director of Honors. Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study.

Interdisciplinary Studies Courses**106 CAREER CHOICE****1 sem. hr.**

Introduction to theory of career decision making. Laboratory in the application of skills and strategies to individual career choices. Appropriate for freshmen and sophomores. CR/NC only. Materials charge optional.

111 PEACE STUDIES**MC-IS****3 sem. hrs.**

A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world. Includes arranged service learning hours.

121 TEXTS AND CONTEXTS**MC-LH****3 sem. hrs.**

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the CT/NC option. Prerequisite: ENG 101; COM 110 or concurrent registration.

122 FIRST YEAR LEARNING IN COMMUNITIES SEMINAR**1 sem. hr.**

A seminar to assist first-semester students in their transition to the University, including exploration of majors, minors, and careers and opportunities for engagement in university and civic life. Formerly IDS 189.95.

125 FOUNDATIONS OF CITIZENSHIP: AN INTRODUCTION TO CIVIC RESPONSIBILITY**3 sem. hrs.**

Designed to enhance students' basic knowledge, understanding, and skills in active citizenship and civic responsibility through introductory concepts and applied elements of civic engagement. Prerequisites: COM 110; ENG 101.

133 INTERDISCIPLINARY STUDY ABROAD**1-6 sem. hrs.**

Study abroad. Specific topics and regions as approved and indicated by decimal and extended title. Formerly IDS 189. May repeat if content differs.

203 NATIONS AND NARRATIONS**OC-H****3 sem. hrs.**

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens. Topics vary from one section to another. Prerequisites: ENG 101; COM 110; MC-LH or MC-UST category.

207 REPRESENTATION KNOWLEDGE AND POWER**OC-H****3 sem. hrs.**

Theory, practice, and history of the use of representational signs—language, images, sounds, etc.—to communicate knowledge about the world and to exercise power. Prerequisites: ENG 101; COM 110; MC-LH category

254 RELIGIONS AND CULTURES**MC-LH****3 sem. hrs.**

A critical examination of diverse religious discourses and literacies and how they construct and reflect identity based on cultural differences. May not be taken under the CT/NC option. Prerequisites: ENG 101; COM 110 or concurrent registration.

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS**3 sem. hrs.****OC-SMT**

Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, Biology, that contribute to the scientific study of intelligent systems (minds). Prerequisites: Inner Core; MC-QR category or one semester of Foreign Language.

298 PROFESSIONAL PRACTICE: INTERNSHIP /COOPERATIVE EDUCATION**1-6 sem. hrs.**

Interdisciplinary directed project or on-the-job experience related to student's career interests under the supervision of internship coordinator or faculty of one or more departments. Prerequisite: Junior standing.

398.01 PROFESSIONAL PRACTICE INTERNSHIP/ COOPERATIVE EDUCATION OR CO-OP IN PEACE STUDIES AND CONFLICT RESOLUTION**3-6 sem. hrs.**

Practical experience, preferably in an international, national or local organization where peacemaking conflict resolution skills are required and learned. Prerequisites: IDS 111 and Minor in Peace and Conflict Resolution Studies.

398.02 PROFESSIONAL PRACTICE: SERVICE LEARNING EXPERIENCE IN CIVIC ENGAGEMENT**3 sem. hrs.**

This capstone course provides the opportunity to integrate academic study with service learning by having supervised, practical experience in a professional environment that focuses on civic responsibility. Prerequisites: Minor in Civic Engagement and Responsibility.

COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY

Dean: Jeffrey A. Wood, 143 Turner Hall.

Associate Deans: Alan Lacy, Todd McLoda

Assistant Dean: Lori Woeste

The College of Applied Science and Technology is home to six departments and two schools that offer programs to prepare students for professional and technical positions in education, government, business, and industry. Five departments in the College also offer teacher preparation programs. Faculty in the College are dedicated to the personal and academic development of their students as well as the discovery and application of theoretical knowledge and the advancement of professional practice in their respective areas. This is accomplished through a dynamic partnership of interdisciplinary learning, scholarship, and service that is built on a collaboration among students, faculty, and members of the professional community.

The Departments of Agriculture; Criminal Justice Sciences; Family and Consumer Sciences; Health Sciences; Military Science; and Technology are in the College. The Schools of Information Technology and Kinesiology and Recreation are also located in the College.

The College offers graduate programs in six units including Agriculture; Criminal Justice Sciences; Family and Consumer Sciences; Information Technology; Kinesiology and Recreation; and Technology. Descriptions and requirements of these programs may be found in the *Graduate Catalog*.

AGRICULTURE (AGR) 502

125 Ropp Agriculture Building, Phone: (309) 438-5654
Fax: (309) 438-5653

Web address: Agriculture.IllinoisState.edu

Email address: isuagr@ilstu.edu

Chairperson: Robert Rhykerd.

Tenured/Tenure-track Faculty:

Professors: O'Rourke, Rhykerd, Smiciklas, Tudor, Walker, Whitacre, Winter, Wood.

Associate Professors: Moore, Spaulding, Steffen.

Assistant Professors: Holt, Kopsell.

General Department Information

HONORS IN AGRICULTURE

Departmental Honors in Agriculture is available to qualified juniors and seniors. The student completing the Honors Program graduation requirements will graduate "with Honors in Agriculture," which will be indicated on the student's official transcript and diploma. Admission to the Honors

Program in Agriculture requires a minimum of sixty (60) semester hours of post-secondary courses with a cumulative grade point average of 3.50 or higher on a 4.00 scale. In order to graduate as an Honors Graduate in Agriculture, a student must fulfill the general requirements for participation in the University Honors Program. Students must also have a cumulative grade point average of 3.50 or higher; a cumulative grade point of 3.70 or higher for all courses taken in the Department of Agriculture; successfully completed two in-course honors in 200-level or higher courses in the student's technical area; successfully completed one in-course honors course in a 200-level or higher course offered outside the Department of Agriculture; and successfully completed a minimum of three credit hours of AGR 299, Independent Study. The Department of Agriculture offers in-course honors work in all its courses for students enrolled in the University Honors Program or in any departmental honors program. In-course work is offered at the discretion of the instructor.

Agriculture Program

Degree Offered: B.S.

MAJOR IN AGRICULTURE

Agribusiness Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses: ACC 131; AGR 109, 110; CHE 110 and 112, or 140; ECO 105; MAT 120. (21-22 hours)
- Choose four courses from AGR 120, 130, 150, 157, 170, 205. (12-14 hours)
- The student must complete a minimum of 12 semester hours (within the 36 required in Agriculture) in Agribusiness courses selected from AGR 213, 214, 215, 216, 310, 311, 312, 313, 314, 315, 317, 318, 319, 320, 324.
- AGR 295, 394, and 395 do not count toward this major.
- Non-business majors who desire to elect more than 30 hours of their course work in business must meet all College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Agriculture Communication and Leadership Sequence:

- 36 hours in Agriculture and 18 hours in Communication.
- Required Agriculture courses: AGR 109, 110, 120, 130, 150, 170, 190, 205. (24 hours)
- Additional required courses: COM 111 and 297. (6 hours)
- Select one course from: AGR 319; C&I 212; EAF 228, 231, 235. (2-3 hours)
- Select 3 hours from AGR 295 or 398.

Agromony Management Sequence:

- 55 hours in Agriculture required.
- Required Agriculture courses: AGR 109, 150, 157, 234, 272, 305, 357, and choose one from 110 or 170. (28 hours)
- 15 hours of senior level Agribusiness courses.
- 12 hours of Agronomy electives.
- Additional required courses: BSC 101 or 196 or 197; CHE 102, or 110 and 112, or 140 and 141. (6-12 hours)

Animal Industry Management Sequence:

- 55 hours in Agriculture required.
- Required Agriculture courses: AGR 109, 170, 173.01 or 173.02, 272, 275, 282, 283, 286; combination of 380 and one from 381.01 or 381.02 or 381.03 or 398 (2 hours); and choose one from 110, 120, 130, 150 or 157. (32-33 hours)
- 8 hours of Animal Science electives.
- 15 hours of Agribusiness electives.
- Additional required courses: BSC 101 or 196 or 197; CHE 102, or 110 and 112, or 140 and 141. (6-12 hours)

Animal Science Sequence:

- 36 hours in Agriculture required.
- Required Agriculture courses: AGR 109, 170, 173.01 or 173.02, 272, 275, 282, 283, 286; combination of 380 and one from 381.01 or 381.02 or 381.03 or 398 (2 hours); and choose one from 110, 120, 130, 150, or 157. (32-33 hours)
- 4 hours of Animal Science electives.
- Additional required courses: BSC 196 or 197; CHE 110 and 112, or 140 and 141; CHE 220 or 230 and 231; and CHE 242 or 342; MAT 120 or 144 or 145. (20-24 hours)

Crop and Soil Science Sequence:

- 37 hours in Agriculture required.
- Required Agriculture courses: AGR 109, 150, 157, 234, 272, 305, 357, and choose one from 110 or 170. (28 hours)
- 9 hours of Agronomy electives.
- Additional required courses: BSC 196 or 197; CHE 110 and 112, or 140 and 141; CHE 220, or 230 and 231; and CHE 242 or 342; MAT 120 or 144 or 145. (20-24 hours)

Food Industry Management Sequence:

- 36 hours in Agriculture and/or Family and Consumer Sciences and 19 hours in the College of Business and/or Department of Economics.
- Required courses: ACC 131; AGR 109, 110, 271, 315, 317; AGR 205 or ITK 150; CHE 110 and 112, or 140; ECO 105; ECO 138 or MQM 100; FIL 185; MKT 230; MAT 120. (42-43 hours)
- Choose one course from AGR 120, 130, 150, 170 (3-4 hours)

- 15 hours from AGR 214, 215, 257, 285, 314, 319, 324, 340; FCS 102, 113, 213, 316, 319, 332.
- AGR 295, 394, and 395 do not count toward this sequence.

Horticulture and Landscape Management Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses: AGR 109, 110, 120, 130, 157; AGR 150 or BSC 196 or 197 (AGR 150 preferred); ECO 105; ACC 131; FIL 185; MAT 120; CHE 110 and 112, or 140. (38-39 hours)
- 12 hours from AGR 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.
- AGR 295, 394, and 395 do not count toward this sequence.

Pre-Veterinary Medicine Sequence:

- 36 hours in Agriculture required.
- Required Agriculture courses: AGR 109, 170, 173.01 or 173.02, 272, 275, 282, 283, 286; combination of 380 and one from 381.01 or 381.02 or 381.03 or 398 (2 hours); and choose one from 110, 120, 130, 150, 157. (32-33 hours)
- 4 hours of Animal Science electives.
- Additional required courses: BSC 196 and 197; CHE 140, 141, 230, 231, and 242 or 342; MAT 144 or 145; PHY 108 and 109, or 110 and 111. (35-37 hours)

Agriculture Education Sequence:

All Agriculture Education students planning to become certified teachers must apply for and be admitted to the University Professional Studies program (see Professional Studies Admission-Retention program section of this *Undergraduate Catalog*). A cumulative 2.50 GPA and 2.50 GPA in the major are required for admission and retention in the sequence. Students are encouraged to consider a second certification in an academic area such as Biological Sciences, Chemistry or Mathematics.

- 55 hours in Agriculture required.
- Required Agriculture courses: AGR 109, 110, 120, 130, 150, 157, 170, 190, 205, 214, 231, 275, 295, 394, 395. (46 hours)
- Additional required courses: BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140. (8-9 hours)
- Professional Education requirements: EAF 228 or 231 or 235; PSY 215; C&I 212, 214, and 216. (14 hours)
- A minimum of 100 clock hours of approved pre-student teaching clinical experiences; and Student Teaching 399 (10 hours). All Professional Education courses must be passed with a grade of C or higher. Program leads to certification: Secondary 6-12.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having com-

pleted pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN AGRICULTURE

- 24 hours in Agriculture required.
- Required courses: AGR 109, two 100-level Agriculture courses.

Agriculture Courses

In meeting program requirements in the Department of Agriculture, the student should note that the courses are considered in areas, as follows:

General courses: 109, 198, 201, 203, 205, 302, 303, 398.

Agribusiness: 110, 213, 214, 215, 216, 310, 311, 312, 313, 314, 315, 317, 318, 319, 320, 324.

Agricultural Education: 190, 295, 394, 395.

Agricultural Engineering Technology: 130, 225, 231, 232, 234, 235, 304, 340, 383.

Agronomy: 150, 157, 272, 305, 306, 352, 355, 357, 363.

Animal Science: 170, 173.01, 173.02, 271, 272, 275, 280, 282, 283, 285, 286, 288, 363, 372, 375, 380, 381.01, 381.02, 381.03, 386.

Horticulture and Landscape Management: 120, 150, 157, 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.

109 INTRODUCTION TO THE AGRICULTURAL INDUSTRY

3 sem. hr.

Study of the agriculture programs within the department and career opportunities in agriculture.

110 INTRODUCTORY AGRICULTURAL ECONOMICS

3 sem. hrs.

Fundamental principles of economics applied to agriculture, agriculture finance, prices, taxation, marketing, and land use.

120 INTRODUCTORY HORTICULTURE

3 sem. hrs.

Introduction to principles and practices in development, production, and use of horticultural crops (fruits, vegetables, greenhouse, floral, turf, nursery, and landscape). Materials charge optional.

130 INTRODUCTION TO AGRICULTURAL ENGINEERING TECHNOLOGY

3 sem. hrs.

Place of mechanics in agriculture. Examples, problems, discussions, and laboratory exercises in present and future mechanics applications. Lecture and lab. Materials charge optional.

150 PRINCIPLES OF AGRONOMY

4 sem. hrs.

Fundamentals of plant science; importance, classification, distribution, and production practices of the major crops of the world. Lecture and lab.

157 SOIL SCIENCE

4 sem. hrs.

Origin and formation, physical and chemical properties, moisture relationships, liming and fertilizing soils. Chemical and physical tests of soils. Lecture and lab. Prerequisites: CHE 102 or 110 or 140 or equivalent.

170 INTRODUCTION TO ANIMAL SCIENCE

3 sem. hrs.

Breeding, selection, genetics, nutrition, physiology, and production of farm and companion animals. Fundamentals of animal science. Lecture.

173.01 INTRODUCTION TO ANIMAL SCIENCE LABORATORY: FARM ANIMALS

2 sem. hrs.

Introduction to and study of skills required in livestock production and the different methods and tools to perform these skills. Lab. Not for credit if had AGR 284 *LIVESTOCK PRODUCTION SKILLS*. Prerequisite: AGR 170 or concurrent registration.

173.02 INTRODUCTION TO ANIMAL SCIENCE LABORATORY: COMPANION ANIMALS

2 sem. hrs.

Introduction to and study of skills required in companion animal care and the different methods available to provide appropriate care. Lab. Prerequisite: AGR 170 or concurrent registration.

190 INTRODUCTION TO AGRICULTURAL EDUCATION

2 sem. hrs.

Introduction to agricultural teaching profession, overview of the total agricultural program, philosophical base of education process, and teaching special-need students. Includes Clinical Experience: 10 hours, Type 1, 5, 6.

198 PROFESSIONAL PRACTICE: FARM INTERNSHIP

1-6 sem. hrs.

Experience in basic agricultural operations. CR/NC only. Prerequisites: Major only. Approved application required. Minimum 45 hours experience/hours credit.

**201 RESOURCES, FOOD, AND SOCIETY:
A GLOBAL PERSPECTIVE MC-IS**
3 sem. hrs.

Food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts of societies. May not be taken under the CT/NC option. Prerequisites: ENG 101 or COM 110 or concurrent registration required.

**203 AGRICULTURE AND THE
ENVIRONMENT OC-SMT**
3 sem. hrs.

Examination of contemporary environmental issues that are strongly linked to current and past agricultural practices. Prerequisites: Inner Core and MC-IS category required.

**205 MICROCOMPUTER APPLICATIONS
IN AGRICULTURE**
3 sem. hrs.

Introduction to microcomputer applications specific to agriculture. Prerequisite: AGR 110 recommended.

213 FARM MANAGEMENT
3 sem. hrs.

Factors of production, such as equipment, labor distribution, cropping systems, and soils; organization and operation; types of farming.

214 AGRICULTURE MARKETING
3 sem. hrs.

Markets, price-making forces, reasons for existing practices, marketing services, and cooperative marketing.

**215 FARM SUPPLY AND FOOD
INDUSTRY MANAGEMENT**
3 sem. hrs.

Tools for profitable management of corporate and proprietary farm supply and food industry agribusinesses. Prerequisites: ACC 131 or AGR 216 or consent instructor required.

216 FARM ACCOUNTING
3 sem. hrs.

Standard farm business accounting methods and procedures, financial measures of success, inventories, depreciation, net worth, income tax, budgeting and cash flow, and business analysis.

**225 RENEWABLE ENERGY AND
AGRICULTURE**
3 sem. hrs.

Explores the relationships between renewable energy and agriculture with emphasis on biofuels, wind energy and hydropower. Prerequisites: AGR 110 or ECO 105.

**231 MANAGING AND TEACHING IN
AGRICULTURAL AND TECHNOLOGY
LABORATORIES**
3 sem. hrs.

Principles, methods and skills involved in managing and teaching in agricultural and technology laboratories. Lecture and lab. Materials charge optional. Formerly *AGRICULTURAL CONSTRUCTION AND MAIN-TENANCE*. Prerequisite: AGR 130 or consent of instructor.

**232 AGRICULTURAL AND HORTICULTURAL
MACHINERY SYSTEMS MANAGEMENT**
3 sem. hrs.

Principles of power and machinery operation. Calibration, management and use of common agricultural and horticultural machine systems. Lecture and lab. Materials fee optional. Formerly *AGRICULTURAL POWER UNITS AND MACHINERY*.

234 SOIL AND WATER CONSERVATION
3 sem. hrs.

Drainage, soil erosion control, water conservation on farms; planning, materials, construction, repair, and adaptation of structures to farm needs. Lecture, lab, and field trips.

**235 AGRICULTURAL AND HORTICULTURAL
STRUCTURES AND ENVIRONMENTAL
SYSTEMS**
3 sem. hrs.

Principles of design, selection, and management of structural, utility, and HVAC systems used in agricultural and horticultural production and processing. Lecture and lab. Materials charge optional. Formerly *FARM UTILITIES*.

252 URBAN LANDSCAPE MANAGEMENT
3 sem. hrs.

Cultural practices and principles in the selection and care of ornamental plants for landscape and garden use. Introduction to landscape design and maintenance. Lecture and lab. Offered even-numbered years. Formerly *LANDSCAPE MANAGEMENT*. Prerequisites: AGR 150 and 157 or consent instructor required.

253 FLORAL DESIGN
3 sem. hrs.

Principles and practice in the design of floral arrangements. Introduction to the operation of retail florist businesses. Lectures and practice in floral designing. Materials charge optional.

254 HERBACEOUS PLANT MATERIAL
3 sem. hrs.

Identification, selection, use, and management of annuals, perennials and ornamental grasses in the landscape. Lecture and lab. Field trip. Offered even-numbered years in the spring. Materials charge optional. Prerequisite: AGR 120.

255 LANDSCAPE PLANTS
3 sem. hrs.

Identification and landscape value of ornamental trees, shrubs, vines, and ground cover. Intensive field study supplemented by lectures. Offered odd-numbered years.

256 LANDSCAPE PLANTS II
3 sem. hrs.

Continuation of AGR 255. Identification and landscape value of additional species of ornamental trees, shrubs, vines, and groundcovers. Intensive field study; lecture. Prerequisite: AGR 255.

257 FRUIT AND VEGETABLE PRODUCTION
3 sem. hrs.

Horticultural food crop identification, production and cultural requirements. Introduction to quality determinations, pest control and marketing. Lecture and lab. Field trip. Materials charge optional. Prerequisite: AGR 120.

260 GREENHOUSE OPERATION AND MANAGEMENT**3 sem. hrs.**

Commercial greenhouse operation and management; growth media, temperature and light factors, irrigation, fertilization, growth regulation and pest control programs. Lectures and greenhouse practices. Offered odd-numbered years. Materials charge optional. Prerequisites: AGR 157 and either BSC 196 or 197 or AGR 150 or equivalent.

262 NURSERY MANAGEMENT**3 sem. hrs.**

Commercial nursery production and management including: nursery site selection; nursery development, container and field stock; nursery facilities and equipment requirements. Lecture and lab. Field trip required. Offered even-numbered years. Materials charge optional. Prerequisites: AGR 120 or 150.

271 FOODS OF ANIMAL ORIGIN**3 sem. hrs.**

Concepts of food-animal products (meat, dairy, eggs) including their nutritive value, packaging, marketing chain, and value-added technology. Lecture and lab. Prerequisites: CHE 110, 112, or 140, 141.

272 AGRICULTURAL GENETICS**3 sem. hrs.**

Heredity, variation, and development of domesticated plants and animals. Mendelian genetics, mutations, linkage, quantitative inheritance, and population genetics.

275 INTRODUCTION TO ANIMAL NUTRITION**4 sem. hrs.**

Study of nutrients, their metabolism and utilization; digestive physiology in ruminants, non-ruminants and avians; diet formulation and ration balancing. Formerly AGR 171. Prerequisite: AGR 170.

280 LIVESTOCK AND DAIRY CATTLE SELECTION**3 sem. hrs.**

Fundamentals of livestock and dairy selection; relation to production, marketing, and showing. Lab and field trips.

282 PHYSIOLOGY OF FARM ANIMALS**3 sem. hrs.**

Study of form (anatomy) and function (physiology) of farm animals including skeletal, nervous, muscular, immune, respiratory, cardiovascular and endocrine systems. Formerly *LIVESTOCK HEALTH AND DISEASES*. Prerequisites: AGR 170; BSC 196 or 197.

283 REPRODUCTIVE PHYSIOLOGY AND ARTIFICIAL INSEMINATION OF FARM ANIMALS**3 sem. hrs.**

Principles of artificial insemination and factors affecting conception in natural and artificial breeding. Lecture and lab. Formerly *ARTIFICIAL INSEMINATION OF FARM ANIMALS*.

285 MEAT SCIENCE**3 sem. hrs.**

Comprehensive treatment of the meat industry and presentation of basic facts about one of our most important food products. Lecture and lab. Offered odd-numbered years. Materials charge optional.

286 BEHAVIOR OF DOMESTIC ANIMALS**3 sem. hrs.**

Behavioral patterns and systems, group formations, socialization, physical environment, genetic and physiological factors as they relate to domestic animals. Prerequisite: AGR 170 recommended.

288 ADVANCED LIVESTOCK AND DAIRY CATTLE SELECTION**3 sem. hrs.**

Judging various species of livestock in relation to their functions in the show ring and market and the presentation of oral reasons. Lab and field trips. Prerequisite: AGR 280.

295 SUMMER INTERNSHIP IN AGRICULTURAL EDUCATION**3 sem. hrs.**

Experience in the profession of agricultural education in high school. Includes program planning and working with special-needs students. Includes Clinical Experience: 100 hours, Type 1-4, 9. Prerequisite: Admission to Professional Studies.

302 SPECIAL PROBLEMS IN AGRICULTURE**1-3 sem. hrs.**

Special work in research interests of student and staff. Projects must be approved by the staff member and the Chairperson of the Department. May be repeated; maximum 6 hours. Prerequisite: Major/minor in Agriculture or Agriculture Business; 2.50 GPA required.

303 SEMINAR IN AGRICULTURE**1 sem. hrs.**

Prerequisite: Senior or graduate standing required.

304 GEOSPATIAL TECHNOLOGIES IN AGRICULTURE**3 sem. hrs.**

To understand the acquisition and analysis of geographically referenced data for the management of crop production systems. Formerly AGR 237, *GEOGRAPHIC INFORMATION SYSTEMS AND GLOBAL POSITIONING SYSTEMS APPLICATIONS IN AGRICULTURE*.

305 CROP GROWTH AND DEVELOPMENT**4 sem. hrs.**

Crop management and plant growth as influenced by the environment, plant species, cropping systems, and principles of integrated crop management (ICM). Lecture and lab. Formerly AGR 250.

306 WEED SCIENCE**3 sem. hrs.**

Principles and practices of weed management systems, including chemical and non-chemical controls. Identification and biology of common weed species. Lecture and lab. Formerly AGR 263.

310 RURAL APPRAISALS**3 sem. hrs.**

Principles, procedures, and terminology for evaluating rural property; preparation of appraisal reports as currently prepared by qualified and experienced rural appraisers. Field trips. Prerequisites: AGR 216 or 318 or ACC 131 recommended and an academic background in agriculture.

311 STRATEGIC AGRIBUSINESS SALES**3 sem. hrs.**

Skills, ethics and behavior theories and concepts for the professional, business-to-business, agribusiness salesperson. Prerequisites: Junior/senior standing; AGR 215 or consent instructor.

312 ADVANCED FARM ACCOUNTING**3 sem. hrs.**

Advanced farm business records and analysis with emphasis on computer applications. Prerequisites: AGR 213 and 216.

313 ADVANCED FARM MANAGEMENT**3 sem. hrs.**

Farm business decisions and their interrelationships. Examination of statics, dynamics, and uncertainty in agricultural decision-making. Prerequisite: AGR 213 and 216.

314 MARKETING GRAIN AND LIVESTOCK**3 sem. hrs.**

Economic principles applied to marketing grain and livestock. Consideration given to producers and distributors of grain. Formerly *GRAIN MARKETING*. Not for credit if had AGR 316. Prerequisite: AGR 214 or consent instructor.

315 FINANCIAL MANAGEMENT AND ANALYSIS OF THE AGRIBUSINESS FIRM**3 sem. hrs.**

Application of quantitative concepts and methods to the analysis and financial management of proprietary and cooperative agribusiness firms. Prerequisites: AGR 215; MAT 120; and AGR 216 or ACC 131 or consent instructor.

317 FOOD INDUSTRY MARKETING AND STRATEGIC MANAGEMENT**3 sem. hrs.**

Marketing management and decision-making as they relate to corporate and cooperative marketing and strategic problem solving in the food industry. Prerequisites: AGR 215 or consent instructor.

318 AGRICULTURAL FINANCE**3 sem. hrs.**

Principles of agricultural finance including the capital requirements, the sources of credit, and the optimum uses of capital. Prerequisites: AGR 216 or ACC 131.

319 AGRICULTURAL POLICIES AND PROGRAMS**3 sem. hrs.**

History and impact of governmental intervention in agriculture. Examination of major agricultural programs, past and present. Prerequisite: AGR 110.

320 FARM COMMODITY PRICING**3 sem. hrs.**

Theory and mechanics of price determination for agriculture commodities. Prerequisite: AGR 214.

324 COMMODITY FUTURES AND OPTIONS**3 sem. hrs.**

Examines the evolution of futures markets and the use of futures and options contracts as price risk management tools. Prerequisites: AGR 214 or consent of instructor.

340 CURRENT RESEARCH AND TECHNOLOGY IN AGRICULTURAL ENGINEERING TECHNOLOGY**3 sem. hrs.**

A critical examination of the most recent technologies and research being introduced into the agricultural and horticultural industries. Lecture, lab. Formerly *EQUIPMENT FOR PRODUCING AND HANDLING AGRICULTURAL PRODUCTS*. Prerequisite: AGR 130 or consent of instructor.

352 RESIDENTIAL AND SPORTS TURF MANAGEMENT**3 sem. hrs.**

Principles and practices used in the management of residential and recreational turfgrasses. Lecture, lab and field trips. Offered odd-numbered years. Materials charge optional. Formerly *TURF MANAGEMENT*. Prerequisites: AGR 120 and 150 or consent instructor.

353 LANDSCAPE DESIGN AND CONSTRUCTION**3 sem. hrs.**

Problem approach to landscape design and construction. Site surveys and analyses. Plant selection and preparation of functional designs. Lectures and practice in landscape design. Prerequisites: AGR 252 and 255.

355 PLANT BIOTECHNOLOGY AND BREEDING**3 sem. hrs.**

Breeding procedures and techniques used in developing new varieties of field crops. Offered even-numbered years.

356 PLANT PROPAGATION**3 sem. hrs.**

Basic principles and commercial practices involved in sexual and asexual propagation of agricultural plants. Lecture and lab. Materials charge optional. Prerequisites: AGR 150 or BSC 196 or 197.

357 SOIL FERTILITY AND FERTILIZERS**4 sem. hrs.**

Fundamental concepts of soil fertility and fertilizer manufacturing. Plant nutrition, factors affecting plant growth, soil-plant relationships, and macro- and micro-nutrients. Lecture, lab, and field trips. Prerequisite: AGR 157.

363 AGRICULTURAL STATISTICS**3 sem. hrs.**

Principles of agricultural research for plant and animal sciences; includes design, data collection, interpretation, and presentation of results. Offered odd-numbered years. Formerly *AGRICULTURAL EXPERIMENTATION*. Prerequisites: MAT 120 or 144.

372 LIVESTOCK BREEDING**3 sem. hrs.**

Reproduction and principles of heredity and their application to livestock breeding; population genetics, inbreeding, relationship, outbreeding, and selection. Prerequisites: AGR 272 or BSC 219.

375 ANIMAL NUTRITION**3 sem. hrs.**

Science of animal nutrition; special attention to recent discoveries pertaining to the protein, mineral, and vitamin requirements of livestock. Field trips. Offered odd-numbered years. Prerequisites: AGR 170 and 171.

380 CURRENT ISSUES IN THE LIVESTOCK INDUSTRY**3 sem. hrs.**

A study of the history and evolution of the livestock industry as impacted by internal and external factors. Lecture. Not for credit if had AGR 274, 276, 371, 378. Formerly *CURRENT ISSUES IN THE BEEF CATTLE INDUSTRY*. Prerequisites: AGR 170, 173.01 or 173.02, 272, 275, 282, 283, 286, or consent of instructor. Senior standing recommended.

381.01 LIVESTOCK INDUSTRY: BEEF CATTLE**2 sem. hrs.**

Basic principles and commercial practices involved in feedlot and cow-calf management. Lecture and lab. Not for credit if had AGR 378, 381 *BEEF CATTLE INDUSTRY*. Prerequisites: AGR 170, 173.01 or 173.02, 272, 275, 282, 283, 286, 380 or concurrent registration, or consent of instructor.

381.02 LIVESTOCK INDUSTRY: DAIRY CATTLE**2 sem. hrs.**

Basic principles and commercial practices involved in dairy cattle management. Lecture and lab. Not for credit if had AGR 274. Prerequisites: AGR 170, 173.01 or 173.02, 272, 275, 282, 283, 286, 380 or concurrent registration, or consent of instructor.

381.03 LIVESTOCK INDUSTRY: SWINE**2 sem. hrs.**

Basic principles and commercial practices involved in swine management. Lecture and lab. Not for credit if had AGR 276. Prerequisites: AGR 170, 173.01, 173.02, 272, 275, 282, 283, 286, 380 or concurrent registration, or consent of instructor.

383 AGRICULTURAL SAFETY AND HEALTH**3 sem. hrs.**

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement countermeasures. Half-day Saturday field trip at end of semester required. Also offered as HSC 383. Formerly *AGRICULTURAL ACCIDENT PREVENTION*. Prerequisite: CHE 110, 140 or consent instructor or admission to Environmental Health and Safety graduate program required.

386 ANIMAL WELFARE**2 sem. hrs.**

Examination of the multidisciplinary tools used to study and assess animal welfare. Prerequisites: AGR 170 and 286 or consent of instructor.

394 METHODS AND PROCEDURES IN AGRICULTURAL EDUCATION**3 sem. hrs.**

Procedures in planning, conducting, and evaluating an agricultural education program; pragmatic interfacing of learning theories, philosophy and guidance with instructional programs in agriculture. Includes Clinical Experience: 10 hours, Type 1-6, 9. Prerequisite: Admission to Professional Studies.

395 PROFESSIONAL SEMINAR IN AGRICULTURE EDUCATION**2 sem. hrs.**

In-depth analysis of selected trends, issues, problems confronting the agricultural educator. Prerequisites: STT 399 concurrent registration, Admission to Professional Studies.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN AGRICULTURE**1-6 sem. hrs.**

Supervised on-the-job experience in an agriculture setting. Minimum 45 hours experience/credit. May be repeated; maximum 6 hours. Prerequisites: Major in any AGR program; 2.50 GPA; 8 hours of course work in intern area; approved application required.

CRIMINAL JUSTICE SCIENCES (CJS)**525****441 Schroeder Hall, (309) 438-7626****Web address: CriminalJustice.IllinoisState.edu****Chairperson:** Jacqueline Schneider.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Weisheit.*Professors:* Kethineni, Morn, Wells.*Associate Professor:* Beichner, Gizzi, Krienert, Schneider, Walsh.*Assistant Professors:* Ingram, Leyman, Rabe-Hemp,**General Department Information**

The purpose of the Criminal Justice Sciences program is to provide the student with a system orientation to the field of Criminal Justice. Study in Criminal Justice involves the application of the principles of Criminal Justice and the related behavioral and social sciences to problems and issues in the field of Criminal Justice. The program focuses on the building of knowledge in the areas of law enforcement, courts, and corrections from a social science perspective. Students develop a knowledge base for an in-depth understanding of human behavior and the kinds of problems and circumstances that often result in criminality. Finally, the program provides students with the opportunity to gain necessary skills in the area of interviewing, program development, community organization, planning and research to function in a professional position in the field of Criminal Justice.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

The Department of Criminal Justice Sciences reserves the right to maintain a balanced enrollment.

- This may restrict the numbers of freshmen, transfer students, and continuing students who wish to be Criminal Justice Sciences majors.
- Most Criminal Justice Sciences courses are restricted to Criminal Justice Science majors.

Retention Requirements:

Criminal Justice Sciences majors must maintain a cumulative GPA of at least 2.40 every semester. If, at any given time, a student's GPA falls below a 2.40 that student may be removed from the major and reclassified as Undeclared. After a student is reclassified as Undeclared, all rights as a major are forfeited, including the right to be eligible to do the Criminal Justice Sciences internship.

Students who have been reclassified must meet regular admission requirements to be eligible for readmission to the major.

HONORS IN CRIMINAL JUSTICE SCIENCES

The Department offers honors study in Criminal Justice Sciences to highly qualified students who will pursue an individualized program of study. The Honors Program enables the superior student to focus on topics of the student's own choosing in close consultation with a Criminal Justice Sciences Department faculty member. In order to qualify, the student must have achieved a GPA of 3.30 or better, both overall and in the major. The student must complete:

1. at least 3 hours credit of in-course honors;
2. at least 3 hours credit in CJS 299—Independent Honors Study or Honors-Undergraduate Research (IDS 285 or 286) in the Criminal Justice Sciences Department; and
3. an additional 3 hours of in-course honors, honors independent study or honors-undergraduate research, equivalent with a grade of B or better.

Students must also fulfill the general education requirements for participation in the University's Honors Program. Successful completion of the Honors Program will provide the designation of Honors in Criminal Justice Sciences upon graduation. The University will note the Honors designation on official transcripts and the diploma.

Students interested in participating in the Honors Program should inquire about admission in the Office of the Department of Criminal Justice Sciences.

Criminal Justice Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN CRIMINAL JUSTICE SCIENCES

- 64 hours required.
- Required courses: CJS 101, 200, 201, 207, 208, 300, 395, 398.01* (6 hours), 398.02* (6 hours).
- 21 hours of electives selected with the approval of the academic advisor. A minimum of 12 hours must be selected from Illinois State University Department of Criminal Justice Sciences course offerings (Group I). See departmental website for courses designated as Group I. The remaining electives (Group II) must be taken from the list of recommended courses from other departments at Illinois State University, or may be appropriate transfer credit. Group II electives in other departments: LAN 111, 112, 115, 116 (8 hour maximum); FIL 185; MQM 220, 221; POL 201, 215, 231, 330, 331; PSY 223, 233, 302, 350; SOC 223, 263, 264,

365, 367; SED 362. Students who major in Criminal Justice Sciences must complete the following courses or equivalents: ENG 145; PSY 110 or 111; SOC 106.

*Students seeking enrollment in CJS 398.01 and 398.02 must complete necessary paperwork for application to the internship which will be received during mandatory meetings set by the Internship Coordinator. To be eligible, the student must have: (1) completed 90 semester hours, (2) an overall and major GPA of 2.40 at the time referrals are made, and (3) completed all required courses including SOC 106; PSY 110 or 111; and ENG 145. Students who have completed accredited corrections and/or police training may substitute this training for a portion of the internship with departmental approval. Students eligible for an internship will, with the assistance of the internship coordinator, choose an agency from a list of approved agencies. Students may also participate in out-of-state internships.

MINOR IN CRIMINAL JUSTICE SCIENCES

- 21 hours required.
- Required courses: CJS 101, 200, 201, 207, 208.
- 6 hours of electives selected, with the approval of an academic advisor, from the Department of Criminal Justice Sciences course offerings.
- **NOTE:** Space in Criminal Justice Sciences courses is limited for non-majors.

Criminal Justice Sciences Courses**101 INTRODUCTION TO CRIMINAL JUSTICE SCIENCES**

3 sem. hrs.

An analysis of the criminal justice system focusing on the police, courts, and corrections.

102 INDIVIDUALS, SOCIETY, AND JUSTICE

3 sem. hrs.

MC-ICL

Explores justice, law, and civic life from historical, comparative, social science, and contemporary cultural perspectives. May not be taken under the CT/NC option. Not for credit major/minor. Prerequisites: ENG 101 or COM 110 or concurrent registration.

200 CONTEMPORARY CORRECTIONS

3 sem. hrs.

Familiarizes students with correctional alternatives as they currently exist. Controversies and emerging trends in corrections will be considered. Prerequisites: CJS 101. Major/minor only or consent department advisor.

201 CRIME AND BEHAVIOR

3 sem. hrs.

Theoretical and conceptual explanations of criminal behavior. Prerequisites: CJS 101; SOC 106; PSY 110 or 111. Major/minor only or consent department advisor.

206 FUNDAMENTALS OF CRIMINAL INVESTIGATION

3 sem. hrs.

An intensive analysis of the criminal investigation process including information gathering and analysis, preservation of evidence, legal issues, and investigative strategies. Prerequisites: CJS 101. Major/minor only or consent department advisor.

207 CONTEMPORARY POLICING IN AMERICA**3 sem. hrs.**

Survey of law enforcement, its history, police practices, functions, and related issues and concepts of contemporary police. Prerequisites: CJS 101. Major/minor only or consent department advisor.

208 CRIMINAL LAW**3 sem. hrs.**

Survey of criminal law, including development of substantive criminal law. Examination of judicial opinions related to the criminal justice process. Formerly CJS 304. Prerequisites: CJS 101. Major/minor only or consent department advisor.

212 COMMUNITY CORRECTIONS**3 sem. hrs.**

Theoretical basis, current methodology, and operations: court counselors, citizen action, half-way houses, work-release, drug abuse treatment, detention, reception and diagnostic centers, and probation and parole. Prerequisites: CJS 101 and ENG 145; Major/minor only. CJS 200 recommended.

215 JUVENILE JUSTICE**3 sem. hrs.**

The processing and treatment of juvenile offenders. Examines the organization, operation, and goals of the individuals, agencies, and institutions that work with youthful offenders. Prerequisites: CJS 101. Major/minor only or consent department advisor.

240 HISTORY OF CRIMINAL JUSTICE**3 sem. hrs.**

Crime and the American criminal justice system from the colonial period until the mid-20th century. Prerequisite: CJS 101.

**298.50 PROFESSIONAL PRACTICE:
COOPERATIVE EDUCATION
IN CRIMINAL JUSTICE****1 sem. hr.**

Paid, supervised experiences in local, state, and federal criminal justice agencies. Enrollment limited, based on availability of sites. May be repeated once. Prerequisites: Sophomore or junior standing; prior department approval. CJS major only.

300 RESEARCH METHODS**3 sem. hrs.**

Assesses basic components of how research is conducted in criminal justice inquiries. Examines the criteria for social scientific research in the criminal justice field. Formerly *EVALUATIVE RESEARCH OF PROGRAMS IN CRIMINAL JUSTICE*. Prerequisites: CJS 101. Junior standing (60 hours completed). Major/minor only or consent department advisor.

**305 RULES OF EVIDENCE FOR THE
ADMINISTRATION OF JUSTICE****3 sem. hrs.**

Types of evidence, standards of proof, and legal requirements relating to the admissibility of evidence in court. Prerequisites: CJS 101 and 208. Junior standing (60 hours completed). Major/minor only or consent department advisor.

**306 EXPERIENCES IN INTERNATIONAL
JUSTICE****3 or 6 sem. hrs.**

The course involves an exploration of a foreign country. Students will have exposure to cultural, political, social and criminal justice issues. Travel fees apply. Prerequisite: Freshman standing (12 hours completed).

**307 FAMILY VIOLENCE: CROSS-CULTURAL
PERSPECTIVES****3 sem. hrs.**

Analysis of family violence in the US and other countries. Emphasis on police and judiciary response, solutions and treatments. Prerequisites: CJS 101. Junior standing (60 hours completed). Major/minor only or consent department advisor.

308 RACE, ETHNICITY, AND CRIMINAL JUSTICE**3 sem. hrs.**

Historical and contemporary perspectives of race, ethnicity, crime, and justice relations in the United States. Prerequisites: CJS 101; major/minor only or consent department advisor.

310 CORRECTIONAL INSTITUTIONS**3 sem. hrs.**

An intensive analysis of correctional institutions and jails focusing on management issues, inmate subcultures, and prisonization. Prerequisites: Junior standing (60 hours completed). CJS 101, 200 or consent department advisor. CJS major only.

**322 COMMUNICATION SKILLS
IN CRIMINAL JUSTICE****3 sem. hrs.**

Development of interpersonal communication, interviewing and decision-making skills for intervention with criminal justice clients. Prerequisites: Junior standing (60 hours completed). CJS 201 concurrent registration or consent instructor.

**337 SEX OFFENDERS AND THE
CRIMINAL JUSTICE SYSTEM****3 sem. hrs.**

Analysis of sex offender prevalence and typologies. Emphasis on assessment, treatment, and management within the community. Prerequisites: CJS 101. Junior standing (60 hours completed). Major/minor only or consent department advisor.

338 ALCOHOL, DRUGS, AND CRIME**3 sem. hrs.**

Analysis of the impact of alcohol and drugs on crime and the criminal justice system. Prerequisites: CJS 101. Junior standing (60 hours completed). Major/minor only or consent department advisor.

339 WOMEN IN CRIMINAL JUSTICE**3 sem. hrs.**

Historical and theoretical perspectives and contemporary trends concerning women and crime and processing of women by the criminal justice system. Prerequisites: CJS 101 required. Junior standing (60 hours completed). Major/minor only or consent department advisor.

340 ORGANIZED AND WHITE COLLAR CRIME**3 sem. hrs.**

Analysis of organized and white collar crime problem in America. Topics include prevalence, impact, laws, and investigative techniques. Prerequisites: CJS 101. Junior standing (60 hours completed). Major/minor only or consent department advisor.

342 VICTIMOLOGY**3 sem. hrs.**

An examination of the victim's role in the criminal event, the process of victimization, patterns, trends, theories, and victim offender relationships. Prerequisites: Junior standing. CJS 101 or consent department advisor. CJS 201 recommended.

360 ISSUES IN CRIMINAL JUSTICE

1-4 sem. hrs.

A critical and analytical study of a contemporary issue or controversy in the field of criminal justice. May be repeated once; maximum 6 hours if content different. Prerequisites: Junior standing (60 hours completed). Major/minor only or consent department advisor.

369 WORLD CRIMINAL JUSTICE SYSTEMS

3 sem. hrs.

Analysis of crime and criminal justice systems of selected countries. Emphasis on England, France, Sweden, Japan, and Russia. Prerequisites: Junior standing (60 hours completed). CJS 101 or consent department advisor.

395 CRIMINAL JUSTICE ADMINISTRATION

4 sem. hrs.

Aspects of organizational behavior in criminal justice agencies will be considered to enable the student to better understand on-the-job experiences. Prerequisites: Junior standing (60 hours completed). CJS 101, 200, 201, 207, 208 and 300; consent department advisor, CJS major only.

398.01 PROFESSIONAL PRACTICE:**CRIMINAL JUSTICE INTERNSHIP I**

6 sem. hrs.

Field placement in a criminal justice related agency. Interns work with designated agency personnel and receive an overview of agency functions. Prerequisites: CJS 395 and consent department advisor, CJS major only. See CJS major requirements for enrollment limitations. CR/NC only.

398.02 PROFESSIONAL PRACTICE:**CRIMINAL JUSTICE INTERNSHIP II**

6 sem. hrs.

Intensive experience in a single criminal justice agency setting. Prerequisites: CJS 395, 398.01 and consent department advisor, CJS major only. See CJS major requirements for enrollment limitations. CR/NC only.

FAMILY AND CONSUMER SCIENCES (FCS) 506

144 Turner Hall, (309) 438-2517

Web address: FCS.IllinoisState.edu

Chairperson: Connor Walters.

Tenured/Tenure-track Faculty:

Professors: Murphy, Nnakwe, Walters.

Associate Professors: Wilson.

Assistant Professors: Anderson, Banning, Cullen, Dyar, Gam, Johnson, Ma, Riehm.

General Department Information

Family and Consumer Sciences is a profession committed to improving the quality of life for individuals and families. The mission of the department is to provide integrative study of the human environment and systems that impact and strengthen individuals, family units, agencies, businesses, and the community at large.

Family and Consumer Sciences is a broad field of study that provides opportunity for specialization in challenging careers. The faculty seek to prepare men and women to enter professions concerned with enhancing the quality of life for individuals, families and communities, and the environment in which they function. Academic preparation involves the integration and application of knowledge and skills gained from family and consumer science courses as well as courses in a variety of other disciplines.

The Department serves undergraduate and graduate majors specializing in fields such as interior design, child development, family life education, consumer services, nutrition and dietetics, apparel merchandising, and family and consumer sciences teacher education.

HONORS IN FAMILY AND CONSUMER SCIENCES

The Department offers honors work in each Family and Consumer Sciences sequence to highly qualified juniors and seniors. Candidates must be full-time students, declared Family and Consumer Sciences majors, and have an overall 3.30 GPA and 3.50 GPA in Family and Consumer Sciences. Honors requirements include completion of 3 in-course honors at the 200-level or above (at least 2 must be taken in the Department), and a minimum of 3 hours in FCS 299 culminating in a substantial research paper. The Department also offers in-course honors work in all courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor. For further information contact the departmental advisor. All Family and Consumer Sciences honors students must fulfill the general requirements for participation in the University Honors Program.

Family and Consumer Sciences Programs

Degrees Offered: B.A., B.S.

Admission Requirements for Family and Consumer Sciences Majors (Non-Teacher Education Options):

A student may enter a major or minor in the Department of Family and Consumer Sciences as a freshman, transfer student or as a change of major at Illinois State University. Students should contact the Family and Consumer Sciences Undergraduate Advisor for minimum GPA requirements and/or other admission requirements. Options in the Department of Family and Consumer Sciences are in high demand and admissions are based on a combination of student qualifications and course capacities.

MAJOR IN FAMILY AND CONSUMER SCIENCES**Apparel Merchandising and Design Sequence:**

The Apparel Merchandising and Design Sequence prepares students for careers such as fashion marketer, retail manager, fashion buyer, private label developer, visual merchandiser, merchandiser, technical designer,

apparel/textile designer, quality assurance supervisor, purchasing agent, trend analyst, fashion journalist, and museum curator/conservator.

- 59-62 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 48-51 hour sequence: FCS 225, 226, 323, 327, 328, 329, 362; ECO 105; MKT 230; PSY 110 or PSY/SOC 131; and option A or B that follows:
 - A. Merchandising:** FCS 368, 369, 371, 398 (3 hours); MQM 220; MKT 335.
 - B. Apparel Design/Product Development:** FCS 122, 228, 321, 324, 361, 366, 365 or 398 (3 hours).
- For students interested in Fashion Merchandising, a Business Administration, Marketing or Communication minor is recommended; for students interested in Apparel Design/Product Development, an Art, Theatre, Marketing, or Business Administration minor is recommended; for students interested in Fashion Journalism, a Communication minor is recommended; for students interested in Museum Curator/Conservator, a minor in History or Art History is recommended.
- A travel study for credit is available periodically.

Food, Nutrition and Dietetics Sequence:

Career opportunities in the broad field of food, nutrition and dietetics are quite varied and employment exists throughout the areas of healthcare, food service, education and research. Employment opportunities include: clinical or foodservice dietitian in a healthcare organization, food service manager for a company, nutrition consultant for a physician practice, community nutritionist, nutrition and health writer, food and nutrition product sales and marketing, corporate wellness, food promotion for a grocery store, school foodservice and others.

The Didactic Program in Dietetics (DPD) at Illinois State University is currently accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetics Association (ADA). CADE is recognized by the United States Department of Education and the Council for Higher Education Accreditation, and can be contacted at 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 899-0040, Ext. 5400.

- 66-67 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- The following General Education courses must be taken: Inner Core—CHE 110 and 112; Outer Core—BSC 160.
- 55-56-hour sequence: FCS 102, 113, 213, 311, 312, 316, 317, 318, 319, 398 (3 hours); BSC 160; CHE 220, 242; ECO 103 or 105; KNR 182; MQM 220; PSY 110 or 111, 215.
- This program provides the first step for students wanting to become a registered dietitian (R.D.). Students must apply for an ADA-approved dietetic internship after graduation, and then successfully complete the registration examination to be an R.D.

An American Dietetic Association Verification Statement of DPD Program Completion will be given to students completing this sequence. This official statement is required for graduates to begin an ADA-approved dietetic internship after acceptance, and for other professional applications requiring verification of DPD Program completion.

Human Development and Family Resources Sequence:

The Human Development and Family Resources Sequence prepares students for careers such as child care provider or center director; child life specialist in hospital settings; child care resource and referral specialist; family life educator or marriage enrichment provider; extension specialist or youth program director; case worker or manager; elder services coordinator; consumer advocate; consumer relations specialist; product development consultant; or middle, junior, or high school teacher.

- 41-62 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 30-51-hour sequence: FCS 231, 232, 233, 310, 333 and option A, B, C, or D that follows. **A. Human Development:** FCS 250, 251, 307, 308, 309, 331, 398 (3 hours); SWK 323; and 12 hours from FCS 111, 212, 224, 305, 306, 314. **B. Family Relationships:** FCS 305, 309, 364, 398 (3 hours); SWK 323; and 15 hours from FCS 111, 212, 330, 331, 394; C&I 312; HSC 390; PSY 111, 302, 303; SOC 106, 123, 211, 212, 262, 311, 341, 342, 365. **C. Consumer Services:** FCS 330, 331, 364, 398 (3 hours); ECO 105; MKT 230, 231. **D. Teacher Education:** FCS 102, 111, 113, 203, 250. Part of the endorsement program leading to certification by the State of Illinois for teaching Family and Consumer Sciences courses – Nutrition, Wellness, and Hospitality designation. See the Family and Consumer Science advisor for information about courses that count towards additional Family and Consumer Science endorsements. Twenty-four (24) hours Professional Education (see C&I Professional Education Requirements in the *Undergraduate Catalog*), including STT 399.

See Professional Studies Admission-Retention program found in University-Wide Professional Studies Program Requirements for admission and retention standards. Also see Family and Consumer Sciences Selective Admission-Retention Requirements section of this *Undergraduate Catalog*.

Interior and Environmental Design Sequence:

The Interior and Environmental Design Sequence prepares students for careers in residential design, contract design, space planning, store design, restaurant design, kitchen and bath design, historic preservation and design for special populations.

The undergraduate Interior and Environmental Design (IED) program at Illinois State University is currently accredited by the Council for Interior Design Accreditation.

- 63 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 52-hour sequence: FCS 104, 218, 225, 242, 244, 338, 340, 345, 346, 347, 348, 370, 375, 398 (3 hours); FCS 352; ART 372 or 373; TEC 117, 217.
- Possible minors based on individual interests: Industrial Technology, Construction Management, Art or Business.
- Recommended electives: FCS 393.38; TEC 322.
- To be licensed in the State of Illinois, students must have a minimum of 2 years professional work experience and pass the National Council for Interior Design Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual professional membership in interior design organizations such as American Society of Interior Designers (ASID) and International Interior Design Association (IIDA).

MINOR IN FAMILY AND CONSUMER SCIENCES

- 23 hours required in Family and Consumer Sciences.
- 11-hour core: FCS 101, 103, 200, 300.
- 12 additional hours in Family and Consumer Sciences.

Selective Admission-Retention Requirements for the Teacher Education Option in Family and Consumer Sciences:

Selective Admission:

All Family and Consumer Sciences Education students planning to become certified teachers must apply for and be admitted to the University's Professional Studies program (see Professional Studies Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission each Family and Consumer Sciences student must have verified the following:

1. A minimum GPA of 2.50 overall and in all Family and Consumer Sciences courses including Professional Education courses.
2. A positive recommendation for Admission to Professional Studies by all Family and Consumer Sciences faculty. See departmental advisor for procedure.
3. An interview with the Family and Consumer Sciences Education Coordinator.

Selective Retention:

In order to receive departmental approval for a student teaching assignment the student must verify the following:

1. Maintain a GPA of 2.50 in all courses and in all Family and Consumer Sciences courses including Professional Education courses.
2. Completion of FCS 200, or the equivalent for transfer students.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Family and Consumer Sciences Courses

101 HUMAN AND FAMILY DEVELOPMENT

3 sem. hrs.

Human development throughout the lifespan within the context of the developing family unit.

102 NUTRITION IN THE LIFE SPAN

3 sem. hrs.

Nutrients needed by humans. Food choices to meet nutrition needs of individuals and families throughout the life cycle.

103 MANAGEMENT FOR CONSUMERS

3 sem. hrs.

Management for individual and family problems in the home and marketplace.

104 ENVIRONMENTAL DESIGN ELEMENTS: STUDIO

3 sem. hrs.

Introduction to design fundamentals and development of perceptual skills, creative awareness, and the technical ability to handle a variety of design media. Lecture and lab. Prerequisites: Major/minor only or consent advisor.

111 INTRODUCTION TO THE FAMILY AND CONSUMER SCIENCES EDUCATOR ROLE

2 sem. hrs.

Historical, methodological, and philosophical prologue unique to the family and consumer sciences educator role. Field trips; 15 clinical hours. Prerequisites: FCS 101 and 103, consent instructor.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY**MC-UST****3 sem. hrs.**

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity. May not be taken under the CT/NC option. Also offered as HIS/SOC 112. Prerequisites: ENG 101 or COM 110 or concurrent registration.

113 PRINCIPLES OF FOOD PREPARATION**3 sem. hrs.**

Scientific principles involved in the preparation of food. Materials charge optional. Prerequisites: FCS 102 required. Major/minor only or consent advisor.

122 APPAREL PRODUCT DEVELOPMENT I**3 sem. hrs.**

Basic apparel production techniques. Materials charge optional. Prerequisites: Major/minor only or consent advisor.

198 PROFESSIONAL PRACTICE**1 sem. hr.**

Exploration of entry-level career opportunities. Observation of professional skills and competencies of practicing home economists. CR/NC only. May be repeated; maximum 3 hours. Prerequisites: Major only. 2.00 GPA; 27 hours; Approved application required.

200 PRACTICAL PROBLEM SOLVING IN FAMILY AND CONSUMER SCIENCES**3 sem. hrs.**

Mission and goals of family and consumer sciences related to the practical reasoning process for problem solving and critical thinking. Prerequisites: FCS 101, and 103; Junior standing. Major/minor only or consent advisor.

203 COMPETENCIES FOR TEACHING**4 sem. hrs.**

Curriculum development, evaluation, teaching strategies, and professionalism for vocational education teachers. Includes Clinical Experience: 20 hours, Type 1 and 10. Field trips required. Prerequisites: Admission to Professional Studies. FCS 111, C or better in C&I 212, 214, or 216; or PSY 215 (6 hours); or concurrent registration. Major/minor only or consent advisor.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES**OC-SMT****3 sem. hrs.**

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions. Also offered as HSC/KNR 208. Prerequisites: Inner Core and MC-IS category required.

212 FAMILY HEALTH AND WELL BEING**3 sem. hrs.**

Relationship of personal decision making, self assessment and behavioral change to optimal wellness for individuals and families. Practicum rotations included. Prerequisites: FCS 101. Major/minor only or consent advisor.

213 FOOD PLANNING, MARKETING, AND COST CONTROLS**3 sem. hrs.**

Meal planning based on criteria of nutritive requirements, marketing challenges, and utilization of resources. Materials charge optional. Prerequisites: FCS 113. Major/minor only or consent advisor.

218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS**2 sem. hrs.**

Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process. Field trips. Materials charge optional. Prerequisites: FCS 242. FCS 244 concurrent registration recommended.

222 CULTURAL DIVERSITY IN DRESS**OC-SS****3 sem. hrs.**

Interdisciplinary, comparative exploration of diverse cultures through dress and adornment. Prerequisites: Inner Core and MC-IS category.

224 ENDURING ISSUES FOR COUPLES AND FAMILIES**OC-SS****3 sem. hrs.**

Analysis of persistent and newly emerging issues for couples and families living in the 21st century. Prerequisites: Inner Core and MC-UST category.

225 TEXTILES**3 sem. hrs.**

Fundamentals of textile science: fibers, yarns, fabrications, finishes, and dyeing. Selection and care of apparel/home furnishings fabrics. Textile legislation. Lecture and lab. Materials charge optional. Prerequisites: Major/minor only or consent advisor.

226 FASHION TREND AND INDUSTRY ANALYSIS**3 sem. hrs.**

Fundamentals of the fashion industry, emphasis on analysis and forecasting of trends and sectors of apparel and merchandising industries. Formerly *APPAREL*. Prerequisites: Major/minor only or consent advisor. FCS 101 and 103 recommended.

228 APPAREL DESIGN**3 sem. hrs.**

Application of art principles to apparel creation through computers and hand techniques. Idea development from conception through production to retailing. Style nomenclature emphasized. Materials charge optional. Prerequisites: FCS 122, 226.

231 FAMILY RELATIONSHIPS**3 sem. hrs.**

Functions of productive family units to fulfill individual and group needs. Emphasis on the skills needed by the parent. Prerequisites: FCS 101 required or C&I 281 concurrent registration recommended. Major/minor only or consent advisor.

232 RESOURCE MANAGEMENT FOR INDIVIDUALS AND FAMILIES**3 sem. hrs.**

Problem solving approach to the use of managerial components and their functional relationships to the complexities of today's living. Prerequisites: FCS 103. Major/minor only or consent advisor.

233 FAMILY ECONOMIC RESOURCES**3 sem. hrs.**

Economic description of the family emphasizing the family's financial, physical, and human capital investments over the life cycle. Prerequisites: FCS 103. Major/minor only or consent advisor.

242 DRAFTING FOR INTERIOR DESIGN**3 sem. hrs.**

Introduces students to equipment, media, and techniques for graphic presentation of architectural design. Materials charge optional. Prerequisites: Major/minor only or consent advisor.

244 INTERIOR SYSTEMS AND HOUSING**3 sem. hrs.**

Consumer choice of dwelling and the analysis of interior spaces and equipment. Field trips required. Prerequisite: FCS 104.

250 DEVELOPMENT AND GUIDANCE OF PRESCHOOL CHILDREN**3 sem. hrs.**

Applied child development and guidance of preschool children in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices. Includes Clinical Experience: 32 hours. Prerequisites: FCS 101. Major/minor only or consent advisor.

251 DEVELOPMENT AND GUIDANCE OF INFANTS AND TODDLERS**3 sem. hrs.**

Applied child development guidance of infants and toddlers in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices. Includes Clinical Experience: 32 hours. Prerequisites: FCS 101. Major/minor only or consent advisor.

300 LEADERSHIP DEVELOPMENT FOR FAMILY AND CONSUMER SCIENCES PROFESSIONALS**2 sem. hrs.**

Leadership as a context for examining disciplinary issues and professional preparation while synthesizing knowledge and skills attained throughout the collegiate experience. Prerequisites: FCS 200. Senior standing.

305 FAMILIES IN LATER LIFE**3 sem. hrs.**

Exploration of family dynamics in later life. Emphasis on developmental tasks, needs and decision-making issues of aging family members. Prerequisite: Junior standing.

306 SEMINAR IN CHILD LIFE STUDIES**3 sem. hrs.**

Application of child development theories and developmentally appropriate practices to children in health care settings. Prerequisites: FCS 101, and 250 or 251, consent of instructor. Practicum experience required.

307 ADVANCED CHILD DEVELOPMENT APPLICATIONS**3 sem. hrs.**

Application of research in the development and guidance of infants, toddlers and preschool age children as related to family and society. Includes Clinical Experience: 32 hours. Prerequisites: FCS 101, 250, 251.

308 ORGANIZATION AND ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS**3 sem. hrs.**

Administration of early childhood programs and community services responsible for guidance of young children. Includes Clinical Experience: 20 hours, Type 10. Prerequisites: FCS 250 or consent instructor.

309 COUPLE RELATIONSHIPS**3 sem. hrs.**

An interactional approach to the study of intimate male-female pairing: establishing couple relationships and developing effective intimate pairing communication; an overview of marriage enrichment history, programs, practice, theory, and research. Prerequisite: FCS 231.

310 FAMILY CRISES**3 sem. hrs.**

Cognitive and affective exploration of family crisis: definition, management processes, and professional helping resources. Field trips required. Prerequisite: Junior standing.

311 COMMUNITY NUTRITION**3 sem. hrs.**

Nutritional needs of selected populations vulnerable to inadequate diet; emphasis on U.S. programs designed for groups at nutritional risk. Prerequisite: FCS 102.

312 MEDICAL NUTRITION THERAPY**4 sem. hrs.**

Planning modified diets and studying underlying diseases. Nutritional counseling of individuals and groups. Prerequisite: FCS 317.

314 EARLY CHILDHOOD NUTRITION EDUCATION**3 sem. hrs.**

Principles of nutrition and current research. Emphasis on the needs of young children. Guidance in implementing a sound nutritional education program. Includes Clinical Experience.

315 NUTRITION FOR HEALTH AND PHYSICAL FITNESS**3 sem. hrs.**

An advanced course focusing on the physiological and biochemical importance of nutrition to health, physical fitness, and sports. Prerequisites: FCS 102 or consent instructor; KNR 182; or BSC 181 and 182.

316 FOOD SCIENCE**3 sem. hrs.**

Experimental approach to principles underlying food preparation. Materials charge optional. Prerequisites: FCS 213; CHE 110 and 112.

317 NUTRITION AND METABOLISM**4 sem. hrs.**

Physiological and biochemical basis for human nutritional requirements and health. Prerequisites: FCS 102; BSC 160; KNR 182. CHE 242 concurrent registration.

318 FOOD SERVICE MANAGEMENT**3 sem. hrs.**

Management of commercial foodservice systems: planning, control systems, decision making, human considerations. Prerequisites: FCS 103, 213; MQM 220.

319 QUANTITY FOODS**3 sem. hrs.**

Principles, techniques, and standards required to procure, store, and produce food in quantity for institutional and commercial feeding. Field trips. Prerequisite: FCS 213.

321 FLAT PATTERN DESIGN**3 sem. hrs.**

Computer and hand techniques in making garment patterns by the flat pattern method. Materials charge optional. Prerequisites: FCS 122 or equivalent. Major/minor only or consent advisor.

323 ADVANCED TEXTILES**3 sem. hrs.**

Exploration of established practices and new developments in the textile and apparel industry. Research and problem-solving emphasis. Lecture and lab. Materials charge optional. Prerequisites: FCS 225, 226.

324 DRAPING AND DESIGN**3 sem. hrs.**

Interpretation of garment designs in fabric by means of the draping procedure. Materials charge optional. Prerequisite: FCS 122.

327 CLOTHING AND BEHAVIOR**3 sem. hrs.**

Factors that influence behavior related to clothing selection and use. Emphasis on research. Prerequisites: FCS 225, 226; PSY 110. Junior/senior standing only.

328 ECONOMICS OF FASHION**3 sem. hrs.**

Fashion as an economic force in the international economy. Fashion's influence on production, distribution and consumption of textiles and apparel. Prerequisites: FCS 225, 226 and ECO 105.

329 APPAREL PRODUCT ANALYSIS**3 sem. hrs.**

Overview of apparel manufacturing and analysis of ready-to-wear apparel product quality. Prerequisites: FCS 122, 225 and 226.

330 DECISION-MAKING FOR CONSUMERS**3 sem. hrs.**

Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life style, consumer protection, leisure, and achieving financial security. Also offered as BTE 330.

331 CONSUMER MATERIALS**3 sem. hrs.**

Application and evaluation of consumer information sources. Prerequisites: FCS 103 required; 233 recommended.

333 FAMILY AND CONSUMER PUBLIC POLICY**3 sem. hrs.**

Public and private sector programs serving human needs; role of family and consumer science professional in the public policy arena. Prerequisites: FCS 103 required, FCS 233 recommended. Major or minor only or consent advisor.

338 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN I**3 sem. hrs.**

Major stylistic time periods in architecture and interior design from antiquity to late 19th century. Prerequisites: Junior or senior standing. Major/minor only or consent advisor.

340 INTERIOR DESIGN I: STUDIO**4 sem. hrs.**

Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements. Lecture and lab. Materials charge optional. Prerequisites: FCS 242, FCS 225 and 244 and TEC 117 or concurrent registration recommended. Major/minor only or consent advisor.

345 INTERIOR DESIGN BUSINESS PRACTICES**2 sem. hrs.**

Practices and procedures of professional design firms. Emphasis on business ownership, programming, purchasing procedures, billing hours, contracts and business forms. Prerequisites: FCS 340 required; FCS 300 recommended.

346 ENVIRONMENTAL LIGHTING DESIGN**2 sem. hrs.**

Design of the luminous environment. Emphasis on lighting sources, fixture schedules, switching patterns, and the required drawings used in residential and commercial applications. Prerequisite: FCS 340.

347 HUMAN FACTORS IN INTERIOR ENVIRONMENTS**2 sem. hrs.**

This course focuses on the functionality and aesthetics of interior environments with an emphasis on the interface between man-made environments and humans. The needs of special populations are addressed. Lecture and lab. Prerequisite: FCS 242.

348 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN II**2 sem. hrs.**

Major movements in architecture and interior design from the late 19th century to the present. Prerequisites: Major/minor only or consent advisor. FCS 338 recommended.

352 RENDERING FOR INTERIOR DESIGNERS**3 sem. hrs.**

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Also offered as ART 352. Prerequisites: FCS 242 or consent instructor.

361 FASHION HISTORY I**3 sem. hrs.**

Analysis of historic costume from antiquity through 19th century, in relation to social and cultural environments. Emphasis on western world. Formerly *FASHION HISTORY*. Prerequisites: FCS 225, 226.

362 FASHION HISTORY II**3 sem. hrs.**

Analysis of 20th century fashion in relation to social and cultural environments. Study of American and international designers and innovators. Formerly *TWENTIETH CENTURY FASHION*. Prerequisites: FCS 225, 226.

364 BASIC SKILLS IN COUNSELING**3 sem. hrs.**

Introduction to the basic procedures and skills of counseling from a multi-cultural context. Not for credit if taken SED 362, 363.

365 APPAREL COLLECTION DEVELOPMENT**3 sem. hrs.**

Advanced problem solving in apparel collection design with emphasis on integration of various tools of design. Lecture and lab. Formerly *DESIGN STUDIO*. Prerequisites: FCS 122, 228, 321 or consent instructor.

366 CAD FOR APPAREL DESIGN**3 sem. hrs.**

Application of art principles to apparel design using CAD. Apparel idea development from concept through application to production. Portfolio development. Lecture and lab. Prerequisites: FCS 122, 226, 228.

368 FASHION PROMOTION**3 sem. hrs.**

Apparel merchandising techniques with emphasis on visual merchandising, advertising, fashion shows, and related promotional activities. Prerequisite: FCS 226.

369 MERCHANDISE PLANNING AND CONTROL**3 sem. hrs.**

The financial management of merchandising fashion goods, with emphasis on stock, sales, assortment planning and control. Formerly *FASHION MERCHANDISING*. Prerequisites: FCS 226; MKT 230, 335; MQM 220.

370 INTERIOR DESIGN II: STUDIO**4 sem. hrs.**

The process of linking spaces using architectural elements. Emphasizing the design process as it affects private and public spaces. Field trips required. Materials charge optional. Prerequisites: FCS 340, FCS 218; TEC 217; and ART/FCS 352 concurrent registration recommended.

371 ADVANCED MERCHANDISING**3 sem. hrs.**

Merchandising practices as related to current issues in management, entrepreneurship, as well as planning, developing, and presenting soft good lines. Formerly *FASHION MERCHANDISING II*. Prerequisite: FCS 369.

375 INTERIOR DESIGN III: STUDIO**4 sem. hrs.**

Study of design theory/analysis in relation to large-scale, comprehensive commercial interiors. Emphasis on codes regulating ergonomic and life safety issues. Materials charge optional. Prerequisite: FCS 370.

380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS**3 sem. hrs.**

Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan. Also offered as BTE 380. Includes Clinical Experience: 5 hours, Type 10.

382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS**3 sem. hrs.**

Coordination techniques needed for high school and post-secondary teacher coordination in integrating classroom activities with daily employment. Also offered as BTE 382 and TEC 306. Includes Clinical Experience: 5 hours, Type 10.

394 HEALTH ASPECTS OF AGING**3 sem. hrs.**

Characteristics of the aging process and factors influencing adaptations and the quality of living. Also offered as HSC/KNR 394.

398 PROFESSIONAL PRACTICE: FAMILY AND CONSUMER SCIENCES**2-4 sem. hrs.**

Planned and supervised work experience in government, community, business, or industry. May be repeated once. Prerequisites: Junior/senior standing (74 hours); FCS 200 and 50 percent sequence completed; 2.00 overall GPA on date of application. See advisor for additional requirements. Placement is not guaranteed. Prior consent department chair required.

398.01 PROFESSIONAL PRACTICE: CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS**398.02 PROFESSIONAL PRACTICE: CONSUMER SCIENCES****398.03 PROFESSIONAL PRACTICE: FOOD—NUTRITION OR DIETETICS****398.04 PROFESSIONAL PRACTICE: INTERIOR AND ENVIRONMENTAL DESIGN****398.05 PROFESSIONAL PRACTICE: APPAREL MERCHANDISING AND DESIGN****HEALTH SCIENCES (HSC) 522****305 Felmley Hall, Phone: (309) 438-8329****Facsimile: (309) 438-2450****Web address: HealthSciences.IllinoisState.edu****Email address: hscinfo@ilstu.edu****Chairperson:** Marilyn Morrow.**Tenured/Tenure-track Faculty:***Professor:* Bierma, Broadbear.*Associate Professor:* Barham, Byrns, Jin, Micke, Miller, Morrow, Temple, Waterstraat, Woeste.*Assistant Professor:* Brown, Fuller, Grieshaber, Van Draska.**General Department Information****HONORS IN HEALTH SCIENCES**

The Department offers honors study to qualified students who will pursue an individualized course of study. To qualify, students must be declared majors in the Department, have completed 30 hours of credit, have and maintain a minimum cumulative 3.50 GPA; and have and maintain a 3.50 GPA in the major. To graduate with Departmental Honors, students must be a member of the University Honors Program and complete 12 credit hours of honors work in Health Sciences courses selected from at least two of the following options: Honors Undergraduate Research, Honors Independent Study, in-course Honors, or Honors Undergraduate Teaching Assistant. Students interested in the Honors Program must contact the departmental advisor to complete an orientation and planning meeting.

Environmental Health Program

Web site:

HealthSciences.IllinoisState.edu/Environmental_Health

Degree Offered: B.S.

Environmental Health specialists identify and resolve problems that occur when humans interact with their environment. Some of these environmental problems include indoor and outdoor air pollution, water pollution, food contamination, hazardous wastes, insect-borne diseases, occupational hazards, and chemical or biological terrorism. Environmental Health specialists identify, implement, and evaluate the best methods of controlling or preventing these problems. Employment opportunities include private consulting firms; industry; non-profit organizations; and local, state, or federal agencies.

New Freshmen, New and Internal Transfer Admission Requirements:

Entering freshmen, transfer students and internal transfer students (current Illinois State students wanting to change their major or minor) desiring admission to the Environmental Health (EH) program must meet admission requirements established by the University. Internal transfer students must have a minimum cumulative GPA of 2.00. Students should schedule an appointment with the departmental academic advisor for information.

Standards for Progress in the Major:

Students must maintain a cumulative GPA of 2.00 to be retained in the major.

Accreditation:

The Environmental Health program is accredited by the National Environmental Health Science and Protection Accreditation Council, www.ehacoffice.org/.

MAJOR IN ENVIRONMENTAL HEALTH

- 42 hours in Health Sciences required.
- Required courses (18 hours): HSC 145, 156, 204*, 249, 258, 355.
- Professional Practice (9 hours): 398.01.
- Group 1 elective courses (15 hours): HSC 248, 252, 254, 257, 322, 350, 359.
- Group 2 (additional) elective courses (3 hours): HSC 271, 378, 381, 383; CHE 215, 242, 280; ECO 255; HIS 240; GEO 102, 276, 336. Additional courses may be approved by the program director.
- Required courses outside of Health Sciences (15 hours, excluding required General Education courses): CHE 141, 220; KNR 182; MAT 119.
- Required General Education courses (20 hours): BSC 160; CHE 140; HSC 156; MAT 120 or 145; PHY 105 or 108.
- *NOTE: General Education courses MQM 100 or either ECO 138, GEO 138, POL 138, or PSY 138 may be substituted for HSC 204.

MINOR IN ENVIRONMENTAL HEALTH

- 15 hours in Health Sciences required.
 - Required courses (6 hours): HSC 145, 156**.
 - Elective courses (9 hours): HSC 248, 249, 252, 254, 257, 258, 322, 350, 359, 383 (no more than 6 hours from HSC 248, 359 and 383 may be counted towards the minor).
 - Required courses outside of Health Sciences: (a minimum of 11 hours): CHE 140**, 141; MAT 119 or 120** or 145**.
- **NOTE: CHE 140, MAT 120, 145; and HSC 156 are General Education courses.

Health Education Program

Web site:

HealthSciences.IllinoisState.edu/Health_Education

Degrees Offered: B.S., B.S. in Ed.

Health Educators work with people in schools and community settings. They promote positive health behaviors by giving presentations, planning and implementing programs, preparing instructional materials, assessing individual health needs, teaching and training, coordinating community/school efforts, and acting as a resource person. Every Health Education major completes a core of 21 hours and either a sequence in school health education or community health education.

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen and transfer students desiring admission to the Health Education (HED) program must meet the admission requirements established by the University. Those students wishing to be admitted into the School Health sequence of Health Education must apply for and be admitted into the University Professional Studies program (see Teacher Education Admission and Retention in this *Undergraduate Catalog*). Students currently enrolled at the University who wish to change their major or minor to HED must have a minimum cumulative GPA of 2.50, though this minimum GPA does not guarantee admission. Transfer students and internal transfer students should schedule an appointment with the departmental academic advisor for information.

Standards for Progress in the Major and Minor:

School Health Education Sequence: All students should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative and major GPA of 2.50 is required for admission to Student Teaching as well as for retention in the Health Education program. Admission to Professional Studies is contingent upon recommendation of Health Education faculty and the Teacher Education Coordinator following completion of the Clinical Experience in HSC 391. Those majors in the School Health Education Sequence must also complete a second teaching endorsement with a minimum GPA of 2.50. Contact the departmental advisor for specific information.

Community Health Education Sequence: All students should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative and major GPA of 2.50 is required for retention in the Community Health Education program as well as for enrollment in Professional Practice, HSC 398.02.

Minors in Health Education: Minors in either Community Health Education or School Health Education should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative minor GPA of 2.50 is required for retention in the program.

CLINICAL EXPERIENCES IN SCHOOL HEALTH EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Accreditation:

The School Health Education curriculum is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org/. It is also accredited by the American Association for Health Education (AAHE), www.aah-perd.org/aahe/template.cfm. The Community Health Education curriculum has been approved through combined review of two health education professional organizations.

MAJOR IN HEALTH EDUCATION

- 56 total hours (School Health Education) or 57 total hours (Community Health Education) required.
- Required core courses (21 hours) including: HSC 190, 290, 292, 293, 294, 390; SOC 123.

Health Education majors must also complete either the School Health Education Sequence or the Community Health Education Sequence.

School Health Education Sequence:

This sequence is part of the program leading to a 6-12 secondary certificate.

- Required courses (6 hours): HSC 387, 391 (3 hours).
- Elective (3 hours): 1 course selected from: FCS 102; HSC 105, 156*, 170*, 296.
- Students must complete a second teaching area, including all Illinois State Board of Education (ISBE) requirements for certification in that content area, and the Professional Education requirements (26 hours, including 12 hours of student teaching) as described in the Teacher Education requirements section of this *Undergraduate Catalog* and the General Education requirements. A 2.50 cumulative and major GPA is required for admission to Professional Studies and for student teaching.

NOTE: This major does not meet middle-level endorsement requirements for the State of Illinois. See advisor for information on this endorsement.

*Course is a General Education option.

Community Health Education Sequence:

- Required courses (27 hours): *BSC 145**, HSC 204.01, 286, 296, 395, 396, 398.02.
- Electives (9 hours) chosen in consultation with an advisor from the following: FCS 102; HSC 105, 156**, 170**, 208**, 387, 394.
- 2.50 cumulative and major GPA prior to the semester of enrollment in HSC 398.02.

*BSC 145 meets General Education requirement for OC-SMT.

**Course is a General Education option.

MINOR IN HEALTH EDUCATION

Minor in School Health Education:

- 26 hours required.
- Required courses (23 hours): HSC 190, 290, 292, 293, 294, 390, 391 (2 hours); SOC 123.
- Electives (3 hours): FCS 102; HSC 156*, 170*, 296, 387.

*Course is a General Education option.

The School Health Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education website (www.isbe.net) for specific certification requirements.

Minor in Community Health Education:

- 24 hours required.
- Required courses (18 hours): HSC 190, 290, 292, 293, 294, 296.
- Electives (6 hours): 2 courses from: FCS 102; HSC 105, 156*, 170*, 208*, 387, 394. Other advanced-level Health Sciences courses may be substituted as electives with consent of Health Sciences advisor.

*Course is a General Education option.

The Community Health Education Minor does not lead directly to teacher certification. Students seeking an

additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education website (www.isbe.net) for specific certification requirements.

Health Information Management Program

Web site:
HealthSciences.IllinoisState.edu/Health_Info_Management

Degree Offered: B.S.

Health information managers are professionals responsible for the management of health data and health information systems in health care organizations and organizations that use health data. They ensure data quality; code and classify data; maintain data security and privacy; design, implement and manage health information systems (both manual and electronic); evaluate medical care data to monitor quality and risk; and manage support personnel.

MAJOR IN HEALTH INFORMATION MANAGEMENT

The Health Information Management (HIM) major program offers two sequences to students who are seeking to earn a Bachelor of Science degree in Health Information Management. The sequences are the HIM On-Campus Sequence and the RHIT-HIM Online Sequence.

HIM On-Campus Sequence: This sequence is designed for and restricted to students who are taking HIM courses on campus.

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen, transfer students and internal transfers (current Illinois State students wanting to change their major) desiring admission to the Health Information Management Program must meet the admission requirements established by the University. Students currently enrolled at Illinois State University who wish to change their major to Health Information Management (HIM) and transfer students seeking admission to the HIM Program should see the Health Sciences Department's academic advisor for information.

Admission and Retention in the HIM On-Campus Sequence:

To be admitted and retained in the HIM major a student must:

- Be in good academic standing in the University with a minimum cumulative 2.00 GPA;
- Have a grade of C or better in the following courses, or their equivalents, to enroll in the HIM professional courses: KNR 181 and 182 and HSC 105;
- Maintain a minimum cumulative 2.00 GPA for retention in the major; and
- Earn grades of C or better in all major courses.

Course Requirements for the HIM On-Campus Sequence:

- Prerequisite courses (12-14 hours): ECO 101 or 103 or 105; HSC 105; KNR 181 and 182.
- Major courses (58 hours): HSC 200, 201, 202, 204*, 210, 212, 213, 214, 230, 298.03, 300, 310, 320, 340, 345, 346, 398.03; ENG 145.13 or 249; MQM 220, 323.
- Recommended courses: BSC 145; ITK 150.

***NOTE:** General Education courses MQM 100 or ECO 138, GEO 138, POL 138, or PSY 138 may be substituted for HSC 204.

RHIT-HIM Online Sequence:

This sequence is designed for and restricted to students who have completed an associate degree program in health information technology (HIT) and are currently certified as Registered Health Information Technicians (RHIT). The Sequence is designed to give these students an opportunity to earn a Bachelor of Science Degree in Health Information Management in six semesters. All HIM courses will be delivered online via distance learning. Students will be expected to complete one course each semester.

Admission and Retention in the RHIT-HIM Online Sequence:

To be admitted and retained in the RHIT-HIM Online Sequence, a student must:

- Be admitted to Illinois State University;
- Be a graduate of an associate degree program in health information technology accredited by the Commission on the Accreditation of Health Informatics and Information Management Education (CAHIIM);
- Be currently certified as a Registered Health Information Technician;
- Complete the Associate Degree in Arts (A.A.) or an Associate Degree in Science (A.S.) or the Illinois Transferable General Education Core Curriculum;
- Maintain a minimum cumulative 2.00 GPA for retention in the HIM major; and
- Earn grades of C or better in all HIM major courses.

Course Requirements in the RHIT-HIM Online Sequence:

- Major courses (64 hours): HSC 326, 327, 328, 329, 330, and 398.03; and 33 semester hours earned as Proficiency Credit;
- A grade of C or better is required in all HIM courses for retention in the major.

Health information technology courses are held as Proficiency Credit for the student until successful completion of three specified Health Information Management upper-division courses: HSC 326, 327 and 328. Once these three courses have been successfully completed with a grade of C or better through enrollment, thirty-three (33) credit hours are placed on the student's transcript as Proficiency Credit for the following Health Information Management courses: HSC 105, 200, 201, 202, 210, 212, 214, 230, and 298.03; KNR 181 and KNR 182.

Accreditation and Credentialing:

The HIM Program is accredited by the Commission on Accreditation of Health Informatics and Information Management (www.cahiim.org). Graduates of the program are eligible and expected to write the national registry examination. Successful completion of the registry examination leads to the Registered Health Information Administrator (RHIA) professional designation.

Medical Laboratory Science Program

Web site: HealthSciences.IllinoisState.edu/MLS

Degree Offered: B.S.

Medical laboratory scientists work as a part of the medical team. They analyze body fluids and perform tests using highly specialized equipment to diagnose diseases and monitor treatment. They are largely employed in hospitals and private clinical laboratories and industry. Graduates of the program are eligible for national certification.

New Freshmen and New and Internal Transfer Admission Requirements:

New freshmen, new transfer students, and internal transfer students (current Illinois State students wanting to change their majors) desiring admittance to the Medical Laboratory Science (MLS) program must meet the admission requirements established by the University. Internal transfer students must also have a minimum cumulative GPA of 2.00. **NOTE:** Evidence of hepatitis B immunization or waiver is required for enrollment in professional practice.

Standards for Progress in the Major:

MLS majors must earn grades of C or better in all courses required by the major and maintain a minimum cumulative GPA of 2.00 or better to be retained in the program.

PROFESSIONAL PRACTICE IN MEDICAL LABORATORY SCIENCE

Professional Practice is provided off-campus in clinical facilities affiliated with the University. The experience involves technical instruction in clinical hematology, chemistry, blood banking, microbiology and other aspects of laboratory medicine. Students are responsible to provide their own transportation and housing during the Professional Practice experience. Students apply for acceptance into the clinical experience during the spring of the junior year. Students must have maintained a cumulative 2.00 GPA and have received a grade of C or better in all required courses to be eligible for professional practice.

Two Professional Practice options are available: the Standard Track and the Alternative Track. The Standard Track is professional practice in the fall and advanced coursework in the spring semester. The Alternative Track is a 10-12

month experience in an accredited hospital-based program which includes both lecture and laboratory practice throughout. Enrollment in the Alternative Track is extremely limited (see the program director for further details). See the Medical Laboratory Science Student Handbook for more information and a current list of Standard Track and Alternative Track locations. Students must complete an entire set of Professional Practice courses (Standard Track or Alternative Track) to be eligible for graduation and national certification.

Criminal Background Check:

All Medical Laboratory Science students applying to the Standard Track Professional Practice are required to pass a criminal background check. The complete policy is outlined in the Medical Laboratory Science Student Handbook.

MAJOR IN MEDICAL LABORATORY SCIENCE

- 73 hours as specified below.
- Required courses (18 hours): HSC 260, 261, 262, 263, 308 and either the Standard or Alternative Track:
Standard Track required courses (32 hours): HSC 301, 302, 312, 315, 316, 317, 318, 319, 325, 398.22, 398.23, 398.24, 398.27, 398.28, 398.29.
Standard Track elective courses (8 hours): BSC 170, 181 (or KNR 181), 182 (or KNR 182), 196, 203, 219, 220, 283; CHE 215, 242; PHY 105, 108.
Alternative Track required courses (32 hours): HSC 331, 332, 333, 334, 335, 336, 337, 338, 339.
Alternative Track elective courses (8 hours; 3 hours must be from CHE): BSC 170, 181 (or KNR 181), 182 (or KNR 182), 196, 203, 219, 220, 283; CHE 215, 242.
- Required courses outside Health Sciences (17 hours): BSC 160 or 260; CHE 141, 220.
- Required General Education courses (12 hours): BSC 197; CHE 140; MAT 120.
- Strongly recommended courses: HSC 105, 204.02, and ITK 150.
- **NOTE:** This major may require more hours than indicated due to prerequisites or lack of prior skill.

A.A.S. to B.S. Degree:

Persons possessing an Applied Associate of Science degree in clinical (medical) laboratory technology from an Illinois community college may complete a B.S. through the Illinois Articulation Initiative. To qualify, students must be certified as a medical laboratory technician by the American Society for Clinical Pathology or as a clinical laboratory technician by the National Credentialing Agency. Qualified students are awarded proficiency credit for some of the A.A.S. courses. Interested students should contact the Medical Laboratory Science program director for details.

Accreditation:

The Medical Laboratory Science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, www.nacls.org/, 5600 N. River Road, Ste. 720, Rosemont, IL 60018, Phone (773) 714-8880.

Safety Program

Web site: HealthSciences.IllinoisState.edu/Safety

Degree Offered: B.S.

Safety professionals apply principles drawn from such disciplines as technology, the sciences, management, communication, health, and education to reduce the risk of harm to people, property and the environment. Safety professionals have the knowledge and skills to identify, evaluate, and cost-effectively control or prevent the hazards that can produce harm to people, property and the environment. Successful safety professionals are effective communicators with strong "people skills." Safety professionals are employed in a variety of public and private sector assignments, including manufacturing, insurance, construction, government, and consulting.

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen, transfer students and internal transfer students (current Illinois State students wanting to change their major) desiring admission to the Safety (SAF) program must meet the admission requirements established by the University. Students currently enrolled at Illinois State who wish to change their major to SAF must have a minimum cumulative GPA of 2.00. Students should see the Department academic advisor for information.

Standards for Progress in the Major:

A minimum cumulative GPA of 2.00 is required for retention in the program. All students should have a projected plan of study completed in consultation with the departmental academic advisor.

Professional Affiliation:

Professional affiliation is with the American Society of Safety Engineers (ASSE), Central Illinois Chapter, Illinois State University student section, www.asse.org/index.html.

MAJOR IN SAFETY

- 48 hours in Health Sciences required.
- Required courses (33 hours): HSC 248, 271, 359, 362, 370, 372, 378, 380, 381, 382, 385.
- Professional Practice (9 hours): HSC 398.04.
- Two elective courses selected from the following (6 hours): HSC 272, 383, 384.
- Required courses outside of Health Sciences (10 hours): CHE 141; KNR 182; TEC 130.
- Required General Education courses: CHE 140; MAT 120; PHY 105 or 108; and one of the following: MQM 100; ECO 138, GEO 138, POL 138, or PSY 138*.
- Recommended electives based on career goals (variable): BSC 160; CHE 220; ENG 145.13 or 249; FIL 250; HSC 145, 156, 247; KNR 181, 282, 342**.

***NOTE:** *HSC 204.02 may be substituted, but is not a General Education course.

****KNR 181, 182, and 282 are prerequisites for KNR 342.**

MINOR IN SAFETY

- 21 hours in Health Sciences required.
- Required courses (6 hours): HSC 271, 381.
- Elective courses selected from the following (15 hours): HSC 248, 272, 359, 362, 370, 372, 378, 380, 382, 383, 384, 385.
- Required courses outside of Health Sciences (12-14 hours): CHE 110, 112 or CHE 140; MAT 120; PHY 105 or 108.

Health Sciences Courses

105 MEDICAL TERMINOLOGY

3 sem. hrs.

Study of basic language related to medical science and allied health specialties with emphasis on word analysis, construction, definitions, pronunciation, spelling, and standard abbreviations.

145 ENVIRONMENTAL HEALTH PRACTICE

3 sem. hrs.

Introduction to problem-solving tools and skills used in the practice of environmental health from the perspective of waste in society. Not for credit if had HSC 247. Prerequisite: Major/minor or consent of instructor.

156 ENVIRONMENTAL HEALTH IN THE 21ST CENTURY: MEETING THE GLOBAL CHALLENGE

OC-SMT

3 sem. hrs.

Application of scientific methods of inquiry to understand environmental problems as they affect public health and personal well-being. Not for credit if had HSC 155. Prerequisite: Inner Core.

170 SAFETY AND SOCIETY

OC-SS

3 sem. hrs.

Examines the impact of the social sciences upon safety and accident prevention. Focuses on cultural influences from a global perspective. Prerequisite: ENG 101 or concurrent registration or COM 110 or concurrent registration.

176 INTRODUCTION TO MOTORCYCLE SAFETY

1 sem. hrs.

Classroom and laboratory experiences provide basic knowledge, skills, and techniques necessary for the safe operation of a motorcycle. Not for credit major/minor.

190 FOUNDATIONS OF HEALTH EDUCATION

3 sem. hrs.

The historical and philosophical perspectives of the development of Health Education. A comparison of the major concepts and theories of health and characteristics of health education programs in schools and communities. Prerequisite: Health Education major/minor only.

200 HEALTH INFORMATION TECHNOLOGY

3 sem. hrs.

Understanding the role and requirements of information technology in health information management. Prerequisites: HSC 105, 201 and 210. Major only.

201 PATHOPHYSIOLOGY I**3 sem. hrs.**

Study of human disease processes, including the diagnosis, treatment and management of patients. Prerequisites: HSC 105; KNR 181 and 182. HCS major only.

202 PATHOPHYSIOLOGY II**3 sem. hrs.**

Continuation of HSC 201. Prerequisite: HSC 201.

204 HEALTH DATA ANALYSIS**3 sem. hrs.**

Theory and practice of analysis and presentation of data for management and research in the Health Sciences. Prerequisite: HCS major only.

208 DYNAMICS OF UNITED STATES**CONTEMPORARY HEALTH ISSUES OC-SMT****3 sem. hrs.**

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions. Also offered as FCS/KNR 208. Prerequisites: Inner Core and MC-IS category.

210 INTRODUCTION TO HEALTH INFORMATION MANAGEMENT**3 sem. hrs.**

Introduction of health information management principles, policies and procedures including health data content, collection, quality, registries, access, and retention. Lecture and lab. Prerequisites: HSC 105; KNR 181 and 182.

212 HEALTH DATA CLASSIFICATION AND INDEXING SYSTEMS**3 sem. hrs.**

Introduction to the application of diagnosis and procedure classification systems and indexing systems. Prerequisites: HSC 201 and 210.

213 ADVANCED APPLICATIONS OF HEALTH DATA CLASSIFICATIONS AND INDEXING SYSTEMS**3 sem. hrs.**

Application of advanced concepts in classification and indexing systems including quality and performance monitoring. Prerequisites: HSC 202, 212, and 298.03.

214 HEALTHCARE CLASSIFICATION SYSTEMS AND REIMBURSEMENT PROCESSES**3 sem. hrs.**

Application and analysis of specialized diagnosis and procedure classification systems for healthcare reimbursement processes. Formerly *ALTERNATIVE CLASSIFICATION SYSTEMS*. Prerequisites: HSC 213 and 298.03.

230 LEGAL ASPECTS OF HEALTH INFORMATION AND RISK MANAGEMENT**3 sem. hrs.**

Review and application of laws, policies, procedures and practices applying to the legal aspects of health information and risk management. Prerequisites: HSC 105 and 210 or consent instructor. Major only.

248 OCCUPATIONAL HEALTH**3 sem. hrs.**

Adverse environmental conditions encountered in the workplace affecting the efficiency, health, and well-being of employees.

249 ENVIRONMENTAL TOXICOLOGY**3 sem. hrs.**

Toxicants such as heavy metals, gases, vapors, dusts, pesticides, food additives, and their effects on health and the environment. Formerly HSC 349. Prerequisites: CHE 140, 141; MAT 120 or 145; CHE 220 or concurrent registration; KNR 182 and HSC 145.

252 WATER AND WASTEWATER CONTROL**3 sem. hrs.**

Protection of water quality for human and ecosystem needs, and the control of wastewater. Lecture and lab. Materials charge optional. Formerly HSC 352; *WATER QUALITY AND TREATMENT*. Not for credit if had HSC 247. Prerequisites: CHE 140 and 141; MAT 120 or 145; HSC 145; BSC 160 or concurrent registration.

254 CONTROL OF INSTITUTIONAL ENVIRONMENTS**3 sem. hrs.**

Environmental health aspects of hospitals, nursing homes, penal institutions, schools, colleges and universities. Control of physical, chemical and microbiological hazards. Lecture and lab. Materials charge optional. Prerequisites: CHE 140; CHE 141 or concurrent registration; HSC 145; BSC 160 or concurrent registration.

257 AIR QUALITY AND POLLUTION CONTROL**3 sem. hrs.**

Air contaminants found in the ambient air, workplace, and home, including health effects, measurement, and control. Lecture and lab. Materials charge optional. Formerly HSC 357. Prerequisites: CHE 140, 141 or concurrent registration; MAT 119; KNR 182 or concurrent registration; HSC 145.

258 EPIDEMIOLOGY**3 sem. hrs.**

Principles and methods governing the surveillance and investigation of disease and injury in human populations. Prerequisites: MAT 119; BSC 160 or 260 or concurrent registration; HSC 145 and 204.

260 INTRODUCTION TO CLINICAL IMMUNOHEMATOLOGY**3 sem. hrs.**

Basic principles and procedures of immunohematology (blood banking). Lecture and lab. Materials charge optional. Formerly *INTRODUCTION TO THE MEDICAL LABORATORY: IMMUNOHEMATOLOGY AND SEROLOGY*. Prerequisites: HSC 261, 262, 263. Major only; junior standing. CHE 220 recommended.

261 INTRODUCTION TO CLINICAL HEMATOLOGY**4 sem. hrs.**

Basic principles of hematology and body fluid analysis. Lecture and lab. Materials charge optional. Formerly *INTRODUCTION TO THE MEDICAL LABORATORY: HEMATOLOGY*. Prerequisites: BSC 197; CHE 140 and 141; concurrent registration in HSC 262, 263. Major only; junior standing. CHE 220 recommended.

262 INTRODUCTION TO CLINICAL CHEMISTRY**4 sem. hrs.**

Basic principles and procedures of clinical chemistry and urinalysis. Lecture and lab. Materials charge optional. Formerly *INTRODUCTION TO THE MEDICAL LABORATORY: APPLIED CLINICAL ANALYSIS*. Prerequisites: BSC 197; CHE 140 and 141; concurrent registration in HSC 261, 263. Major only; junior standing. CHE 220 recommended.

263 INTRODUCTION TO CLINICAL IMMUNOLOGY**3 sem. hrs.**

Basic principles and procedures of immunology and serology. Lecture and lab. Materials charge optional. Prerequisites: BSC 197; CHE 140 and 141; concurrent registration in HSC 261, 262. Major only; junior standing. CHE 220 recommended.

271 SAFETY TECHNOLOGY**3 sem. hrs.**

Controlling production costs due to accidents. Addresses legislation, worker's compensation, hazard recognition, and safety planning. Includes basic engineering solutions. Prerequisites: CHE 102 or 110 and CHE 112 or 140; MAT 120 or 121 or 145.

272 CONSTRUCTION SAFETY**3 sem. hrs.**

Addresses employee safety training requirements, recordkeeping, hazard recognition, safety inspections, and program planning in the construction industry. Prerequisite: MAT 120.

286 NEEDS ASSESSMENT IN HEALTH EDUCATION**3 sem. hrs.**

Emphasis on procedures which identify Health Education priorities of populations in various settings. Examination of health needs of select populations. Prerequisites: HSC 190. Health Education major/minor only.

290 STRATEGIES IN HEALTH EDUCATION**3 sem. hrs.**

Examination of the educational process, methods, strategies, and techniques in Health Education, communication techniques and current resources. Topics: .01, Community Health; .02, School Health. Includes Clinical Experience: 5 hours, Type 1, 3, 5. Prerequisites: Major/minor only. HSC 190.

292 COMMUNITY PUBLIC HEALTH**3 sem. hrs.**

Introduction to community public health at local, state, and national levels. Includes emphasis on community health problems, institutions and resources. Prerequisites: Major/minor only.

293 PRINCIPLES OF HUMAN DISEASE**3 sem. hrs.**

Emphasis on human disease processes with special focus on cardiovascular and respiratory systems and the implications for health education. Not for credit if had HSC 297. Prerequisite: Health Education major/minor only.

294 DISEASES OF THE HUMAN BODY**3 sem. hrs.**

The course explores human diseases affecting various body systems including the nervous, digestive, reproductive, skeletal and integumentary. Not for credit if had HSC 297. Prerequisites: HSC 293. Health Education major/minor only.

296 CONCEPTS IN HEALTH EDUCATION**3 sem. hrs.**

An examination of health determinants, major theories, and models of health behavior. Application to Health Education programming will be emphasized. Prerequisites: HSC 190. Major/minor only.

298.03 PROFESSIONAL PRACTICE: HEALTH INFORMATION MANAGEMENT: CLINICAL INTERNSHIP**3 sem. hrs.**

Rotation and project assignments in hospital medical records departments. Prerequisites: Minimum grade of C in HSC 200, 202, 212, 230. Major only and consent program director.

300 HEALTH INFORMATION SYSTEMS**3 sem. hrs.**

Management and analysis of health data using health information systems. Prerequisites: HSC 200 and 298.03; ENG 145.13 or 249 or concurrent registration. Major only.

301 INTRODUCTION TO COAGULATION AND HEMOSTASIS**2 sem. hrs.**

Principles and test procedures related to blood coagulation and hemostasis. Correlation of test results in disease states. Materials charge optional. Formerly HSC 361. Prerequisite: HSC 261.

302 INTRODUCTION TO CLINICAL BIOCHEMISTRY**3 sem. hrs.**

Theory and principles of advanced instrumentation and techniques used in reference, pharmaceutical, and biotechnology laboratories as related to disease diagnosis. Formerly *CLINICAL INSTRUMENTATION*. Prerequisites: HSC 262 or consent instructor.

308 INTRODUCTION TO CLINICAL MICROBIOLOGY**4 sem. hrs.**

Survey of medical microbiology with emphasis on common pathogens. Included are taxonomy, identification, culture methods, procedures and antibiotic susceptibility testing. Lecture and lab. Materials charge optional. Prerequisite: BSC 160 or 260.

310 HEALTH INFORMATION MANAGEMENT SEMINAR**1 sem. hr.**

Synthesis of program content in preparation for initial employment and the RHIA examination. Prerequisites: HSC 213, 298.03, and 345. Major only.

312 CLINICAL CHEMISTRY**3 sem. hrs.**

Concentrated laboratory instruction and theoretical applications of clinical biochemistry. Current testing procedures, method comparison, and quality assurance are studied. Formerly *CLINICAL BIOCHEMISTRY*. Prerequisites: HSC 262; MAT 120 or consent instructor.

315 CLINICAL PARASITOLOGY AND MYCOLOGY**2 sem. hrs.**

General techniques for identification of clinically significant parasites and fungi. Morphology, symptomology, and epidemiology are stressed. Prerequisite: HSC 308.

**316 CLINICAL LABORATORY SCIENCE:
RESEARCH DESIGN****1 sem. hr.**

Research design in clinical laboratory science. Formerly *CLINICAL LABORATORY SCIENCE:SPECIAL TOPICS*. Prerequisites: HSC 260, 261 and 262 or consent instructor.

317 CLINICAL HEMATOLOGY**2 sem. hrs.**

Advanced concepts in Hematology. Clinical correlation of test results and disease are emphasized. Prerequisites: HSC 261, 301.

318 CLINICAL MICROBIOLOGY**2 sem. hrs.**

Comprehensive medical microbiology with emphasis on characterization of less common pathogens, interpretation of clinical data and etiology. Prerequisites: HSC 308 and BSC 260.

319 CLINICAL IMMUNOHEMATOLOGY**3 sem. hrs.**

Advanced concepts in Immunohematology. Donor criteria, component therapy, transfusion and problem solving are emphasized. Prerequisite: HSC 260.

**320 ORGANIZATION AND MANAGEMENT OF
HEALTH INFORMATION SERVICES****3 sem. hrs.**

Managerial decision making for planning, organizing, staffing, directing and controlling the functions, operations and resources of a health information department. Prerequisites: HSC 230, 298.03, 300, 345 and 346; MQM 323. Major only.

322 POLLUTION PREVENTION**3 sem. hrs.**

Basic methods in pollution prevention as applied to industrial and nonindustrial settings. Prerequisites: HSC 145; MAT 119.

**325 LABORATORY EDUCATION
AND MANAGEMENT****2 sem. hrs.**

Foundational concepts of education and management, with emphasis on philosophies, methods and techniques for professional application with practicum. Prerequisites: HSC 260, 261 and 262 or consent instructor.

**326 HEALTHCARE FINANCIAL MANAGEMENT
AND REIMBURSEMENT SYSTEMS****6 sem. hrs.**

Analysis and application of principles and theories of financial management and reimbursement systems utilized in the United States healthcare system. Prerequisites: RHIT-HIM Online Sequence only.

**327 HEALTHCARE QUALITY MANAGEMENT,
LAW, AND RISK MANAGEMENT****6 sem. hrs.**

Analysis and application of principles and theories concerning United States healthcare quality management, law, and risk management. Prerequisites: HSC 326. RHIT-HIM Online Sequence only. Minimum grade of C required in all prerequisite courses.

**328 PLANNING, IMPLEMENTATION AND
MANAGEMENT OF HEALTH
INFORMATION SYSTEMS****6 sem. hrs.**

Addresses the Health Information manager's role and responsibilities in planning, implementing and managing health information systems to manage health data. Prerequisites: HSC 327. RHIT-HIM Online Sequence only. Minimum grade of C required in all prerequisite courses.

**329 MANAGEMENT FOR THE HEALTH
INFORMATION ADMINISTRATOR****5 sem. hrs.**

Organization and management of personnel and processes by health information administrators. Prerequisites: HSC 328. RHIT-HIM Online Sequence only. Minimum grade of C required in all prerequisite courses.

**330 HEALTH DATA ANALYSIS FOR
DECISION MAKING****5 sem. hrs.**

Collect, analyze, and report clinical data to address administrative problems and issues. Prerequisites: HSC 329. RHIT-HIM Online Sequence only. Minimum grade of C required in all prerequisite courses.

**331 APPLIED CLINICAL LABORATORY
MANAGEMENT****1-3 sem. hrs.**

Concentrated instruction in the fundamentals of laboratory management including regulatory, budgetary, personnel and educational issues. Lecture in a clinical setting. May repeat maximum 3 hours. Prerequisites: HSC 260, 261 and 262 or consent of instructor.

332 APPLIED CLINICAL BIOCHEMISTRY**1-7 sem. hrs.**

Concentrated laboratory instruction in clinical biochemistry. Current testing procedures, instrumentation and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisite: HSC 302.

333 APPLIED CLINICAL IMMUNOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in clinical serology and immunology. Current testing procedures, instrumentation and quality assurance are studied. Lecture and lab in a clinical setting. Formerly *APPLIED CLINICAL SEROLOGY AND IMMUNOLOGY*. Prerequisites: HSC 260 and 308.

334 APPLIED CLINICAL URINALYSIS**1-3 sem. hrs.**

Concentrated laboratory instruction in routine and special urinalysis procedures. Clinical lab only. Prerequisite: HSC 262.

335 APPLIED SPECIAL MICROBIOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in the identification of significant pathogens requiring unique identification methods. May include virology, parasitology or mycology. Lecture and lab in a clinical setting. Formerly *APPLIED CLINICAL PARASITOLOGY AND MYCOLOGY*. Prerequisite: HSC 308.

336 CURRENT ISSUES IN CLINICAL LABORATORY SCIENCE**1 sem. hr.**

Current topics and trends in clinical laboratory science. Emphasis on concepts of education and management for professional application. Lecture and lab in a clinical setting. Prerequisites: HSC 260, 261 and 262 or consent instructor.

337 APPLIED CLINICAL HEMATOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in clinical hematology and coagulation. Current testing procedures, instrumentation and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisites: HSC 261 and 301.

338 APPLIED CLINICAL MICROBIOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in clinical microbiology, including identification of pathogens, culture methods, procedures, antibiotic testing and interpretation of clinical data. Lecture and lab in a clinical setting. Prerequisite: HSC 308.

339 APPLIED CLINICAL IMMUNOHEMATOLOGY**1-4 sem. hrs.**

Concentrated laboratory instruction in blood bank. Current testing procedures, donor collection, preparation of blood components and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisite: HSC 260.

340 TRENDS IN HEALTH CARE DELIVERY**3 sem. hrs.**

Review of emerging nontraditional and specialized health care facilities including organization characteristics, accreditation standards, regulatory requirements and health information applications. Prerequisites: HSC 210, 212, and 298.03. Major only.

345 QUALITY MANAGEMENT IN HEALTH CARE**3 sem. hrs.**

Review and application of strategies to investigate, identify, assess, resolve and monitor performance using health data. Prerequisites: HSC 204, 210, 212, and 298.03 or consent instructor. Major only.

346 HOSPITAL BUDGETING PROCEDURES**3 sem. hrs.**

Systematic study of hospital planning; coordination of resources and expenditures; reimbursement methods. Prerequisites: HSC 200, 212, and 298.03 or consent instructor. Major only.

350 FOOD PROTECTION**3 sem. hrs.**

An intensive study of the laws, principles, and techniques applied in the protection of food and milk for human consumption. Lecture and lab. Materials charge optional. Prerequisites: HSC 145; BSC 160 or concurrent registration.

355 ENVIRONMENTAL HEALTH DECISION PROCESSES**3 sem. hrs.**

Intensive study of the decision making techniques, organizational structure, interagency relationships, program methodologies, and legal aspects of environmental health practice. Prerequisites: HSC 145 and 156. Senior major in Environmental Health Program or consent instructor.

359 INDUSTRIAL HYGIENE**3 sem. hrs.**

Techniques for measurement, evaluation, and control of chemical and physical hazards in occupational environments. Lecture and lab. Materials charge optional. Prerequisites: HSC 248; MAT 120 or 145.

362 ERGONOMICS**3 sem. hrs.**

Overview of physical and psychological aspects of ergonomics, including workstation design, its role in accident causation, and ergonomic-related injuries and illnesses. Lecture. Prerequisites: HSC 248 or 271; PHY 105 or 108.

370 INDUSTRIAL SAFETY**3 sem. hrs.**

Principles, responsibilities, and techniques for developing, organizing, implementing, and administering an industrial safety program. Formerly *INDUSTRIAL ACCIDENT PREVENTION*. Prerequisites: HSC 271; PHY 105 or 108.

372 ACCIDENT/INCIDENT INVESTIGATION, RECORDS, AND EVALUATION**3 sem. hrs.**

Theory, function and application of accident/incident investigation, reporting, and analysis systems. Form design, utilization and record keeping procedures. Prerequisites: PHY 105 or 108; HSC 271 or concurrent registration.

378 DISASTER PREPAREDNESS**3 sem. hrs.**

Organizing, directing, coordinating disaster services in schools, industry, and local government. Includes a hands-on disaster exercise. Prerequisites: CHE 110 and 112 or CHE 140; MAT 120 or consent instructor.

380 FIRE PROTECTION AND PREVENTION**3 sem. hrs.**

Measures related to safeguarding human life and preservation of property in prevention, detection, and suppression of fire. Prerequisites: HSC 370 or concurrent registration.

381 OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)**3 sem. hrs.**

Interpretation of the provisions of the Occupational Safety and Health Act; the regulations, standards, and reporting requirements pursuant to it. Prerequisites: Junior/Senior standing; or consent instructor.

382 IMPROVING SAFETY PERFORMANCE**3 sem. hrs.**

Development of specialized knowledge and skills in problem-solving; evaluation and implementation of occupational safety programs. Formerly *SAFETY PERFORMANCE CONTROL*. Prerequisites: HSC 370; MQM 100 or ECO or GEO or POL or PSY 138.

383 AGRICULTURAL SAFETY AND HEALTH**3 sem. hrs.**

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement of countermeasures. Half-day field trip required. Also offered as AGR 383. Formerly *AGRICULTURAL ACCIDENT PREVENTION*. Prerequisites: CHE 110 or 140, or consent instructor.

384 HAZARDOUS MATERIALS REGULATION**3 sem. hrs.**

Overview of federal and state safety and environmental regulations dealing with hazardous materials in the workplace and community. Prerequisites: CHE 140; HSC 271.

385 SYSTEM SAFETY**3 sem. hrs.**

Risk and life cycle concept. Application of inductive and deductive analytical techniques for hazard identification and risk assessment. Prerequisites: HSC 204 or MQM 100 or ECO or GEO or POL or PSY 138.

387 PROGRAMS IN SCHOOL HEALTH**3 sem. hrs.**

Comprehensive school health education with major topics of health education, school health programs, and school community collaboration.

390 DRUGS IN SOCIETY**3 sem. hrs.**

Psychological, social, medical, legal, and economic aspects of use, misuse, and abuse of substances will be explored along with the implications for education and prevention. Prerequisites: Health Education major/minor only. Junior/senior standing.

**391 CURRICULUM AND EVALUATION
IN SCHOOL HEALTH****2-3 sem. hrs.**

School health education standards, curriculum development and evaluation, student assessment and accommodation for student with special needs. Health Education majors are required to take 3 hours; Includes Clinical Experience: 35 hours, Type 1, 2, 4. Health Education minors and other teaching majors enroll for 2 hours. Prerequisites: HSC 290; admission to Professional Studies.

394 HEALTH ASPECTS OF AGING**3 sem. hrs.**

Characteristics of the aging process and factors influencing adaptation and the quality of living. Also offered as FCS/KNR 394.

**395 MEDIA AND MATERIALS
IN HEALTH EDUCATION****3 sem. hrs.**

Analysis and development of print and non-print materials and their use by health educators. Prerequisite: HSC 286. HSC major only.

**396 HEALTH EDUCATION PROGRAM
PLANNING AND EVALUATION****3 sem. hrs.**

Theory and application of Health Education planning and promotion. Grantsmanship and evaluation will be emphasized. Prerequisites: HSC 286. HSC major only.

**398.01 PROFESSIONAL PRACTICE:
ENVIRONMENTAL HEALTH INTERNSHIP****3-12 sem. hrs.**

Internship in a governmental, industrial, or institutional organization, providing on-the-job training and introduction to a career in environmental health. May be repeated; maximum 12 hours. Prerequisite: Consent program director.

**398.02 PROFESSIONAL PRACTICE:
INTERNSHIP IN HEALTH EDUCATION****1-16 sem. hrs.**

Extended in-service experience under the guidance of qualified personnel in Health Education. Prerequisites: 2.50 major and cumulative GPA; HSC 395 and 396.

**398.03 PROFESSIONAL PRACTICE: HEALTH
INFORMATION MANAGEMENT:
MANAGEMENT INTERNSHIP****3 sem. hrs.**

Application of advanced Health Information Management skills in a health related setting geared towards the career interests of the students. Prerequisites: Minimum grade of C in all major courses. Major only and consent program director. Evidence of health insurance and professional liability insurance required.

**398.04 PROFESSIONAL PRACTICE:
SAFETY****6-12 sem. hrs.**

Structured safety work experience under the supervision of an experienced safety professional in a business, industry, or government setting, with oversight by a Safety faculty member. Provides a capstone experience for Safety majors. Formerly *PROFESSIONAL PRACTICE: IN SAFETY*. Prerequisites: HSC 248, 271, 359, 381 and 6 hours from HSC 272, 362, 370, 372, 378, 380, 382, 383, 384, 385. Senior standing; 2.00 major and cumulative GPA required. Safety majors only.

**398.21 PROFESSIONAL PRACTICE:
MEDICAL LABORATORY SCIENCE:
SPECIAL STUDIES****1-8 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: HSC 260, 261, 262, 263, 301, 302, 308.

**398.22 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: BIOCHEMISTRY****2 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398.23 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: SEROLOGY****1 sem. hr.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398.24 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: URINALYSIS
AND BODY FLUIDS**

1 sem. hr.

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398.27 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: HEMATOLOGY**

2 sem. hrs.

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398.28 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: MICROBIOLOGY**

4 sem. hrs.

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398.29 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE:
IMMUNOHEMATOLOGY**

2 sem. hrs.

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

INFORMATION TECHNOLOGY (ITK)

515

202 Old Union, (309) 438-8338

Web address: www.ITK.ilstu.edu

Interim Director: Joaquin Vila-Ruiz.

Tenured/Tenure-track Faculty:

Professors: Gyires, Lim, Vila-Ruiz.

Associate Professors: Califf, Li, Mahatanankoon, Qaddour, Rariden.

Assistant Professors: Chou, Hosack, Jong, Sagers, Shesh, Suh, Tang, Twitchell, Wolf.

General School Information

The School of Information Technology (ITK) offers three degree programs: Information Systems, Computer Science, and Telecommunications Management. All three require substantial interpersonal communication skills as well as technical skills in computing, information technology and networking. The curricula have a strong practical emphasis on the application of computers, systems, and networking techniques to real world problems. Practical skills and applications are balanced with exposure to the knowledge base that underlies the field of computing. A core of 3 courses (10 hours) provides a common foundation for each degree program.

Both the Information Systems and Computer Science programs prepare a student for an application development oriented computing career, but, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and built. Starting positions for either program include such job titles as programmer or programmer/analyst. The Telecommunications Management program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained.

Department minors are intended to help majors in other departments focus on specific skills and electives which are relevant for their career needs. Minors are available in Information Systems and in Computer Science.

Academic Requirements:

For any student who enrolls in a course in the School of Information Technology, a grade of C or better is required in all prerequisite courses. For majors, only courses in which the student has received a grade of C or better may be counted toward the hours required in the major, including supporting requirements.

A student cannot pursue a double major in any two programs in the School of Information Technology. Also, a student cannot pursue both a major and a minor in Information Technology.

Admission Requirements:

A student may enter a major or minor in the School of Information Technology as a new freshman, a transfer student, or as a change of major at Illinois State University. Students should contact the Information Technology undergraduate advisor or University Admissions for minimum admission requirements.

Transfer Students:

Proficiency with the Java programming language is expected in 200- and 300-level Information Technology courses and is usually obtained by completing ITK 168 or 177 and one of 178, 179, 277; or ITK 275.

HONORS IN INFORMATION TECHNOLOGY

The School offers honors work in all programs to highly qualified juniors and seniors. Candidates must have a 3.30 overall GPA and a 3.50 GPA in Information Technology. Honors requirements involve honors course work and the preparation of a substantial research paper or the completion of a significant application project prepared under the guidance of a faculty advisor. For further information contact the Director of Honors.

PROFESSIONAL PRACTICE

Each degree program requires a practical experience that may be satisfied by a directed project or an internship. An internship experience is the usual way for students to satisfy this requirement. ITK 191 (1 hour) is required and prepares students for fulfilling this requirement. It is recommended that ITK 191 be taken no later than the sophomore year.

The six (6) hours of Professional Practice credit counted toward the major will be graded. Any additional Professional Practice credit will be earned on a CR/NC basis. A maximum of 16 hours of Professional Practice credit (ITK 391, 398) may be applied toward graduation. Students may not register for ITK 398 during the last semester of their studies.

MINOR IN COGNITIVE SCIENCE

The School of Information Technology participates in the Minor in Cognitive Science program. Several courses offered by the School contribute to the minor. For further information, please consult the School undergraduate advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

Information Systems Programs

Degree Offered: B.S.

MAJOR IN INFORMATION SYSTEMS

The Information Systems (IS) Major is designed to prepare professionals in Information Systems including such areas as systems analysis and design and software engineering. This degree focuses on the use of computer technology and information management methods to solve business problems. This requires an understanding of both the organizational context of the problem and the technologies, methodologies, and tools typically utilized. There are four sequences within this program: the Information Assurance and Security Sequence, the Integration of Enterprise Systems Sequence, the Systems Development/Analyst Sequence, and the Web Application Development Sequence.

The Analyst sequence provides breadth and depth in analysis and design techniques preparing students to work in a variety of information technology environments, while the Web sequence emphasizes the development of Web/Internet-based business information systems. The Integration of

Enterprise Systems Sequence is designed for students who wish to pursue both technical and practical skills in large-scale, multi-platform enterprise computing systems. The Information Assurance and Security Sequence is designed to give students the knowledge and tools necessary for protecting information and information systems. The Information Systems program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET).

Preparation for Graduate Study:

The Information Systems major offers excellent preparation for a number of computer and management information systems master's programs. Students interested in an MBA program may want to combine this major with a Business Administration minor. Any student interested in graduate school should discuss options with faculty and an academic advisor during their junior year.

Information Assurance and Security Sequence:

The Information Assurance and Security Sequence is designed to give students the knowledge and tools necessary for protecting information and information systems. The sequence provides education for protecting the confidentiality, availability, and integrity of information using technology, people, and policy. A minor is not required.

Information Technology courses (45 hours):

Information Technology core (10 hours):

—ITK 160, 177, 261.

Practical Experience (7 hours):

—ITK 191.

—1 of 3 options:

—6 hours of ITK 398, or

—3 hours of ITK 391 and 3 hours of ITK 398, or

—3 hours of ITK 391 and 1 course from ITK 353, 368, 373, 380 (if not used to satisfy other requirements).

Other ITK course requirements (28 hours):

—ITK 178, 254, 350, 351, 363, 375, 377, 378.

—1 course from: ITK 353, 368, 373, 380 (if not already used).

Supporting requirements (33 hours):

Mathematics and Statistics (11 hours):

—MAT 120 or 145, 160.

—1 statistics course, e.g., ECO/GEO/POL/PSY 138; MQM 100.

Communication and Organization (22 hours):

—ACC 131; COM 223; ECO 105; MQM 220.

—1 course from: COM 202, 227; ENG 249.

—2 courses from: ACC 132; ECO 225 or 239 or 245; FIL 185, FIL 240; MKT 230.

Integration of Enterprise Systems Sequence:

The Integration of Enterprise Systems Sequence is designed for students who are interested in the areas of software development, project management, and application integration using large enterprise computing systems.

This sequence provides in-depth knowledge regarding the integration of business applications on a large enterprise computing system. A minor is not required.

Information Technology courses (45-46 hours):

Information Technology core (10 hours):

—ITK 160, 177, 261.

Professional Practice (7 hours):

—ITK 191.

—1 of 2 options:

— 6 hours of ITK 398, or

— 3 hours of ITK 391 and 3 hours of ITK 398.

Other ITK course requirements (28-29 hours):

—ITK 178, 225, 330, 331, 332, 378, 392.

—1 of: ITK 272, 363.

—1 of: ITK 363, 365, 367, 368, 372, 384 (if not used to satisfy other requirements).

Supporting requirements (33 hours):

Mathematics and Statistics (11 hours):

—MAT 120 or 145, 160.

—1 of: ECO/GEO/POL/PSY 138; MQM 100.

Communication and Organization (22 hours):

—ACC 131; COM 223; ECO 105; MQM 220.

—1 course from: COM 202, 227; ENG 249.

—2 courses from: ACC 132; ECO 225 or 239 or 245; FIL 240; MKT 230.

Systems Development/Analyst Sequence:

The Systems Development/Analyst Sequence is designed for the student who will seek a position as an Information Systems professional developing business-oriented information systems. This sequence provides in-depth knowledge of analysis and design techniques along with electives in emerging technologies. A minor is not required.

Information Technology courses (46 hours):

Information Technology core (10 hours):

—ITK 160, 177, 261.

Professional Practice (7 hours):

—ITK 191.

—1 of 3 options:

— 6 hours of ITK 398, or

— 3 hours of ITK 391 and 3 hours of ITK 398, or

— 3 hours of ITK 391 and 1 course from ITK 341, 346, 353, 365, 367, 368 (if not used to satisfy other requirements).

Other ITK course requirements (29 hours):

—ITK 178, 254, 272, 363, 372, 375, 378.

—2 additional courses from: ITK 341, 346, 350, 353, 365, 367, 368 (if not already used).

Supporting requirements (33 hours):

Mathematics and Statistics (11 hours):

—MAT 120 or 145, 160.

—1 statistics course, e.g. ECO/GEO/POL/PSY 138; MQM 100.

Communication and Organization (22 hours):

—ACC 131; COM 223; ECO 105; MQM 220.

—1 course from: COM 202, 227; ENG 249.

—2 courses from: ACC 132; ECO 225 or 239 or 245; FIL 185, FIL 240; MKT 230.

Web Application Development Sequence:

The Web Application Development Sequence is designed to give students a background for developing information systems in a Web/Internet-based environment. This sequence provides in-depth knowledge of Web development techniques and supporting technologies, along with related emerging technologies. A minor is not required.

Information Technology courses (45 hours):

Information Technology core (10 hours):

—ITK 160, 177, 261.

Professional Practice (7 hours):

—ITK 191.

—1 of 3 options:

— 6 hours of ITK 398, or

— 3 hours of ITK 391 and 3 hours of ITK 398, or

— 3 hours of ITK 391 and 1 course from ITK 341, 367, 368.03 (if not used to satisfy other requirements).

Other ITK course requirements (28 hours):

—ITK 178, 254, 272, 353, 354, 375, 377, 378.

—1 additional course from: ITK 341, 367, 368 (if not already used).

Supporting requirements (33 hours):

Mathematics and Statistics (11 hours):

—MAT 120 or 145, 160.

—1 statistics course, e.g. ECO/GEO/POL/PSY 138; MQM 100.

Communication and Organization (22 hours):

—ACC 131; COM 223; ECO 105; MQM 220.

—1 course from: COM 202, 227; ENG 249.

—2 courses from: ACC 132; ECO 225 or 239 or 245; FIL 185, FIL 240; MKT 230.

MINOR IN INFORMATION SYSTEMS

The Information Systems Minor is designed for people who will use computers as tools in their chosen profession or provide limited computer support for their work group, but not be computing professionals. The Application Development Concentration is a general information systems minor requiring the ITK core plus two elective courses.

Minor (22 hours):

Required core (10 hours):

—ITK 160, 177, 261.

Concentration (12 hours):

Application Development:

—ITK 178, 254.

—1 course from: ITK 341, 353, 365, 367, 368, 375, 378.

—1 additional ITK 200 or 300-level course (at least 3 hours).

Computer Science Programs

Degree Offered: B.S.

MAJOR IN COMPUTER SCIENCE

This degree is designed for students who wish to pursue a comprehensive study of computer science that blends theory, abstraction, and design in a variety of traditional and current areas. Graduates will be prepared to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science. There are two sequences, the General Computer Science Sequence, and the Enterprise Computing Engineering Sequence, within this program. The General Computer Science sequence is designed for students who wish to pursue a broad education in computer science. The Enterprise Computing Engineering sequence is designed for students who wish to pursue both technical and practical skill in large-scale, multi-platform enterprise computing systems. The General sequence of the Computer Science program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET).

General Computer Science Sequence:

The General Computer Science Sequence is designed to prepare students to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science. A minor is not required.

Computer Science courses (47 hours):

Computer Science core (10 hours):

—ITK 160, 168, 261.

Professional Practice (7 hours):

—ITK 191.

—1 of 3 options:

—6 hours of ITK 398, or

—3 hours of ITK 391 and 3 hours of ITK 398, or

—3 hours of ITK 391 and 1 course from ITK 326, 340, 341, 353, 354, 356, 367, 375, 378, 382, 384, 385, 388 (if not used to satisfy other requirements).

Other ITK course requirements (30 hours):

—ITK 179, 225, 279, 327, 328, 383.

—2 of: ITK 326, 340, 356, 378, 384, 388.

—2 additional courses from: ITK 326, 340, 341, 353, 354, 356, 367, 375, 378, 382, 384, 385, 388 (if not already used).

Supporting requirements (36-38 hours):

Mathematics and Statistics (15-16 hours):

—MAT 145, 146, 260.

—1 course from: MQM 100; MAT 250, 350.

Communication (6 hours):

—COM 223; ENG 249.

Science (15-16 hours):

—1 pair of: CHE 140, 141; or PHY 110, 111.

—2 additional courses from: BSC 196, 197;

CHE 140, 141; PHY 110, 111, 112, 375.

Enterprise Computing Engineering Sequence:

The Enterprise Computing Engineering Sequence is designed for students who are interested in the areas of computer architecture, networking, and performance analysis and improvement of mainframe computing systems. This sequence prepares students for system programmer/analyst positions in a large scale enterprise computing environment. A minor is not required.

Computer Science courses (47-49 hours):

Computer Science core (10 hours):

—ITK 160, 168, 261.

Professional Practice (7 hours):

—ITK 191.

—1 of 2 options:

—6 hours of ITK 398, or

—3 hours of ITK 391 and 3 hours of ITK 398.

Other ITK course requirements (30-32 hours):

—ITK 179, 225, 279, 330, 331, 332, 394.

—2 courses from: ITK 272, 372, 378, 382, 383.

—1 course from: ITK 326, 327, 340, 363, 382, 383, 384, 385, 388 (if not used to satisfy other requirements).

Supporting requirements (36-38 hours):

Mathematics and Statistics (15-16 hours):

—MAT 145, 146, 260.

—1 course from: MQM 100; MAT 250, 350.

Communication (6 hours):

—COM 223; ENG 249.

Science (15-16 hours):

—1 pair of: CHE 140, 141; or PHY 110, 111.

—2 additional courses from: BSC 196, 197; CHE 140, 141; PHY 110, 111, 112, 375.

Preparation for Graduate Study:

The Computer Science major should be elected by those students interested in traditional Computer Science graduate programs. Any student interested in graduate school should discuss options with faculty and an academic advisor during the junior year.

MINOR IN COMPUTER SCIENCE

This minor provides a solid foundation for using the computer as a tool in any discipline and may be of particular interest to majors in mathematics or the natural sciences. It provides an opportunity for students to gain knowledge in a specialized area such as graphics, parallel processing, or artificial intelligence.

Minor (22 hours):

Required core (10 hours):

—ITK 160, 168, 261.

Concentration (12 hours):

—ITK 179, 225, 279.

—1 course from: ITK 327, 328, 340, 341, 356, 384, 388.

Telecommunications Management Programs

Degree Offered: B.S.

MAJOR IN TELECOMMUNICATIONS MANAGEMENT

Telecommunications Management is concerned with information systems, telecommunications technology, computer technology, business practices, policy issues, and psychological/social considerations involved in voice, data, image, and facsimile transmission. This multidisciplinary program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained. Graduates will possess an in-depth technical understanding of computer networks and telecommunication systems as well as an appreciation of the economic and public policy issues that are important in the design and development of local and wide area networks, and national and multinational telecommunication systems. A minor is not required.

Major courses (57 hours):

Information Technology core (10 hours):

—ITK 160, 177, 261.

Professional Practice (7 hours):

—ITK 191.

—1 of 3 options:

—6 hours of ITK 398, or

—3 hours of ITK 391 and 3 hours of ITK 398, or

—3 hours of ITK 391 and 1 course from ITK 350, 353, 371, 374, 378, 380, 382 (if not used to satisfy other requirements).

Telecommunications Technology (27 hours):

—ITK 254, 277, 373, 375, 377, 379.

—TEC 383.

—2 additional courses from: ITK 350, 353, 371, 374, 378, 380, 382 (if not used to satisfy other requirements).

Economic, Legal, Public Policy (13 hours):

—ECO 105, 235.

—1 course from: FIL 311, 312; POL 318.

—1 course from: MQM 221; PSY 230.

Supporting requirements (29 hours):

Mathematics and Statistics (11 hours):

—1 course from: MAT 120 or 145.

—1 course from: MAT 146 or 160.

—1 course from: ECO/GEO/POL/PSY 138; MQM 100.

Communication and Organization (15 hours):

—1 course from: COM 202, 227; ENG 249.

—ACC 131; COM 223; FIL 185; MQM 220.

Ethics (3 hours):

—PHI 234.

Information Technology Courses

Most Information Technology courses are restricted to students with majors or minors within the School of Information Technology. Some Information Technology courses

may not be offered every year. Contact the School of Information Technology undergraduate advisor for the current schedule of offerings.

115 REASONING ABOUT COMPLEX SYSTEMS 3 sem. hrs.

MC-QR

Systems theory applied to complex systems. Design, construction, uses, and analysis of simulations for complex systems. May not be taken under the CT/NC option. Prerequisites: MAT 113, 120, or 145.

140 INTERACTING IN A DIGITAL WORLD 3 sem. hrs.

OC-SMT

This course provides foundation concepts of computers and information technologies and their application in today's world. Not for credit ITK major/minor. Formerly *INTRODUCTION TO THE COMPUTER WORLD*. Prerequisites: Inner Core: ENG 101; COM 110.

150 USING MICROCOMPUTER PRODUCTIVITY TOOLS 3 sem. hrs.

Introduction to typical microcomputer-based productivity tools such as word processing, spreadsheets, databases, and presentation graphics. Lecture and lab. Not for credit ITK major/minor, or if had BTE 125.

155.02 INTRODUCTION TO MICROCOMPUTERS 3 sem. hrs.

Introduction to microcomputers and programming, with scientific and technical applications emphasized. BASIC and machine language programming including I/O, elementary files, application software, and hardware and software evaluation. Lecture and lab. Materials charge optional. Not for credit ITK major/minor, or if had ITK 155.01 or 254.

160 FOUNDATIONS OF INFORMATION TECHNOLOGY 3 sem. hrs.

Concepts of computer-based systems; computer hardware, software, and organizational environments; system categories, delivery modes; systems development methods; career opportunities, responsibilities. Required as the first course in the ITK major.

165 COMPUTER PROGRAMMING FOR SCIENTISTS 4 sem. hrs.

Introduction to computer programming emphasizing numerical algorithms for scientific applications. Problem analysis and operating system concepts included. Not for credit ITK major/minor. Lecture and lab. Prerequisite: C or better in MAT 145.

168 STRUCTURED PROBLEM-SOLVING USING THE COMPUTER 4 sem. hrs.

Introduction to the development of algorithms for computer systems processing. Emphasis on structured problem solving and the design of problem solutions. Recommended as one of the first courses in the CS major. Lecture and lab. Prerequisite: MAT 104 or high school equivalent.

177 PROBLEM SOLVING FOR INFORMATION TECHNOLOGY**4 sem. hrs.**

Introduction to algorithm development for computer systems processing emphasizing end-user needs, problem solving, and object-oriented programming techniques. Recommended as one of the first courses in IS/TCM major. Lecture and lab. Formerly ITK 189.02. Not for credit if had ITK 168. Prerequisite: MAT 104 or high school equivalent.

178 COMPUTER APPLICATION PROGRAMMING**3 sem. hrs.**

The design, development, and implementation of computer application systems, including files and GUI. Not for credit if had ITK 169 or 275. Prerequisites: C or better in ITK 177 or consent department advisor.

179 INTRODUCTION TO DATA STRUCTURES**3 sem. hrs.**

Intermediate computer programming, including elementary data structures such as linked lists, stacks, queues, binary trees. Not for credit if had ITK 169 or 275. Prerequisites: C or better in ITK 168 or consent department advisor.

191 INTRODUCTION TO ITK PROFESSIONAL PRACTICE**1 sem. hr.**

Researching available positions, interpreting job descriptions, interview skills, preparing a resume, benefits of a Professional Practice experience. Prerequisites: C or better in ITK 160 and ITK (168 or 177). Major only.

214 SOCIAL, LEGAL, AND ETHICAL ISSUES IN INFORMATION TECHNOLOGY OC-SMT**3 sem. hrs.**

Study of personal, societal, legal, and ethical issues raised by the effects of information technology. Prerequisite: Inner Core.

225 COMPUTER ORGANIZATION**3 sem. hrs.**

Introduction to computer organization, internal representation of instructions and data, and interaction between software and hardware components. Formerly ITK 325. Prerequisites: C or better in ITK 178 or 179. Major/minor only or consent department advisor.

254 HARDWARE AND SOFTWARE CONCEPTS**3 sem. hrs.**

Overview of nature and interrelationships of computer architectures, hardware, operating systems, data types, programming languages, application development facilities, networks, communications. Prerequisites: C or better in ITK 160 and 177. Major/minor only or consent department advisor.

261 SYSTEMS DEVELOPMENT I**3 sem. hrs.**

Information systems development, development methodologies, analysis and design techniques and tools, relational database concepts. Prerequisites: C or better in ITK (178, 179, or 277) and ITK (254 or 225 or concurrent registration). Major/minor only or consent department advisor.

272 COBOL AS A SECOND LANGUAGE**4 sem. hrs.**

COBOL language for students with substantial programming experience in another language. Emphasizes structured problem-solving and programming. Not for credit if had ACC 366. Prerequisites: C or better in ITK 178. Major/minor only or consent department advisor.

275 JAVA AS A SECOND LANGUAGE**4 sem. hrs.**

Intensive study of the Java programming language for students with previous programming experience. Not for credit if had ITK 169, 178, 179, or 277. Prerequisites: 2-semester sequence in a high-level programming language required. Major/minor only or consent department advisor.

277 PROGRAMMING FOR TELECOMMUNICATIONS**3 sem. hrs.**

Network programming based on TCP/IP and other communications protocols. Emphasis is on multi-tier and collaborative applications. Formerly ITK 355 *MICROCOMPUTER APPLICATION AND DESIGN*. Not for credit if had ITK 169 or 275. Prerequisites: C or better in ITK 177 or consent department advisor.

279 ALGORITHMS AND DATA STRUCTURES**3 sem. hrs.**

Data structures, algorithms, mathematical foundations of computer science. Topics include lists, trees, graphs, sorting, searching, correctness, computational complexity, parallel algorithms. Prerequisites: C or better in ITK 179; MAT 160 or 260 or concurrent registration in MAT 260. Major/minor only or consent department advisor.

326 PRINCIPLES OF SOFTWARE ENGINEERING**3 sem. hrs.**

Fundamentals of software engineering. Topics include specification models, metrics, design fundamentals, interface design, quality assurance, and automated tools. Offered alternate years. Prerequisites: C or better in ITK 179 and 261. Major/minor only or consent department advisor.

327 CONCEPTS OF PROGRAMMING LANGUAGES**3 sem. hrs.**

Survey of pragmatic, syntactic and semantic structure of programming languages. Procedural, logic-oriented, object-oriented and other contemporary languages included. Prerequisites: C or better in ITK 179. Major/minor only or consent department advisor.

328 INTRODUCTION TO THE THEORY OF COMPUTATION**3 sem. hrs.**

Basic concepts in computing theory. Topics include recursive definitions, regular expressions, transition graphs, automata, nondeterminism, grammars, parsing, decidability, Turing machines. Prerequisites: C or better in ITK 279. Major/minor only or consent department advisor.

330 INTRODUCTION TO ENTERPRISE COMPUTING SYSTEMS**3 sem. hrs.**

Introduction to the mainframe enterprise computing systems, organizations, architectures, operating systems, networking, hardware and software utilities, and applications. Prerequisites: C or better in ITK 225. Major/minor only or consent department advisor.

**331 OPERATING, DATA COMMUNICATIONS,
NETWORKING, AND SECURITY OF
ENTERPRISE SYSTEMS**
3 sem. hrs.

Mainframe Operating Systems, process communications, networking, protocols, enterprise system clustering, front/back-end hardware/software component connections, administrations, and security. Prerequisites: C or better in ITK 225. Major/minor only or consent department advisor.

**332 ADVANCED ENTERPRISE
COMPUTING SYSTEMS**
3 sem. hrs.

Enterprise system programming, application development and integration, performance analysis and improvement, workload/resource management, database and information management, and system security enhancement. Prerequisites: C or better in ITK 261, 330 and 331. Major/minor only or consent department advisor.

**334 SYSTEM PROGRAMMING AND
SYSTEM ADMINISTRATION IN
ENTERPRISE COMPUTING SYSTEMS**
3 sem. hrs.

In-depth study of the system programming methodologies and system administration mechanisms of large-scale mainframe based enterprise computing systems. Prerequisites: C or better in ITK 330. Major or minor only or consent department advisor.

**340 INTRODUCTION TO
ARTIFICIAL INTELLIGENCE**
3 sem. hrs.

Foundations of artificial intelligence including heuristic search and knowledge representation with a survey of several artificial intelligence research areas. Prerequisites: C or better in ITK 279. Major/minor only or consent department advisor.

**341 OBJECT-ORIENTED
SYSTEM DEVELOPMENT**
3 sem. hrs.

Main concepts of object-oriented technology and a comprehensive methodology for system development. Object-oriented analysis, design, and implementation including object-oriented databases. Prerequisites: C or better in 261. Major/minor only or consent department advisor.

346 KNOWLEDGE ENGINEERING
3 sem. hrs.

In-depth study of knowledge-based systems and the knowledge engineering process; use of expert systems tools to construct applications. Offered alternate years. Prerequisites: C or better in ITK 261. Major/minor only or consent department advisor.

**350 FUNDAMENTALS OF INFORMATION
ASSURANCE AND SECURITY**
3 sem. hrs.

Fundamental concepts in information assurance and security including planning, risk management, cryptography, network security, hardening, people, and physical security. Prerequisite: C or better in ITK 261.

**351 ADVANCED INFORMATION ASSURANCE
AND APPLIED CRYPTOGRAPHY**
3 sem. hrs.

Information assurance and security using technology including applied cryptography, authentication protocols, intrusion detection, and anti-malware. Formerly *DATA COMMUNICATIONS SECURITY*. Prerequisites: C or better in ITK 350 and 375 or consent of department advisor.

353 WEB DEVELOPMENT TECHNOLOGIES
3 sem. hrs.

Web concepts, infrastructure, development technologies, multi-tiered program design and implementation, and current issues and trends. Prerequisites: C or better in 261. Major/minor only or consent department advisor.

**354 ADVANCED WEB APPLICATION
DEVELOPMENT**
3 sem. hrs.

Theory and practice of state-of-the-art technologies for application development for the Web including service-oriented and mobile systems. Prerequisite: C or better in ITK 353. Major/minor only or consent of department advisor.

**356 INTRODUCTION TO
COMPUTER GRAPHICS**
3 sem. hrs.

Graphics software and hardware, pipeline model of rendering. 2D/3D modeling, transformations. Algorithms: polygons, lighting, textures, visibility. Prerequisites: ITK 279. Major/minor only or consent of department advisor.

363 SYSTEMS DEVELOPMENT II
4 sem. hrs.

Emphasis on analysis and design techniques and tools, project communication, systems development methodologies, interface design. Systems development team project. Prerequisites: C or better in ITK 261. C or better in COM 223. Major/minor only or consent department advisor.

**365 SYSTEMS DEVELOPMENT
TOOLS AND ISSUES**
3 sem. hrs.

Modern systems development tools, implementation issues related to modern tools, techniques, and methodologies; emerging type of systems being developed. Prerequisites: C or better in ITK 261. Major/minor only or consent department advisor.

367 DESIGNING THE USER INTERFACE
3 sem. hrs.

Human factors issues in developing information systems: task analysis, user interface design guidelines, psychological principles, prototyping interfaces, and user evaluation. Prerequisites: C or better in ITK 261. Major/minor only or consent department advisor.

368 TOPICS IN INFORMATION SYSTEMS
3 sem. hrs.

Advanced topics in information systems, including systems analysis, design, systems development and Web development. May be repeated if content different. Prerequisites: Junior/senior standing. Major/minor only or consent department advisor. Prerequisites vary with topic chosen.

371 SIMULATION AND ANALYSIS OF INTERNET APPLICATION PERFORMANCE**3 sem. hrs.**

Performance prediction and simulation-modeling methods and techniques in the design and proactive management of Internet applications. Prerequisite: C or better in ITK 375. Major/minor only or consent of department advisor.

372 EXTERNAL DATA STRUCTURES**3 sem. hrs.**

External file design, VSAM, IBM utilities and sort/merge, basic concepts of IBM/MVS operating systems, and extensive study of JCL. Prerequisites: C or better in ITK 254 and 272. Major/minor only or consent department advisor.

373 WIDE AREA NETWORK INFRASTRUCTURES**3 sem. hrs.**

Design, configure, operate, and use Wide Area Networks and network applications. Emphasizes hands-on use of network design tools. Prerequisites: C or better in ITK 375. Major/minor only or consent department advisor.

374 TOPICS IN TELECOMMUNICATIONS**3 sem. hrs.**

In-depth study of a topic in telecommunications such as emerging technologies, network administration, network management architectures, and wireless communications. May be repeated if content different. Prerequisites: Junior/senior standing. Major/minor only or consent department advisor. Prerequisites vary with topic chosen.

375 DATA COMMUNICATIONS**3 sem. hrs.**

Hardware and software used in data communications and networking. Network types, architectures, protocols and standards. Local area and packet networks. Prerequisites: C or better in ITK (178, 179 or 277) and (254 or 225). Major/minor only or consent department advisor.

377 PRACTICAL TELECOMMUNICATIONS NETWORKING**3 sem. hrs.**

Design, configure, operate and use local area networks, network applications, and wide area network concepts. Emphasizes hands-on use of a network operating system. Prerequisites: C or better in ITK 375. Major/minor only or consent department advisor.

378 DATABASE PROCESSING**3 sem. hrs.**

Database concepts, emphasis on relational databases, SQL, data modeling, database design, DBMS functions, database application programming, current trends, design project. Prerequisites: C or better in ITK 261. Major/minor only or consent department advisor.

379 TELECOMMUNICATIONS NETWORK OPERATIONS AND MANAGEMENT**3 sem. hrs.**

Overview of process of operating and managing large scale telecommunications networks; capstone course for Telecommunications Management major. Prerequisites: C or better in ITK 377; ECO 235; TEC 383; MQM 220. Major/minor only or consent department advisor.

380 WIRELESS COMMUNICATION SYSTEMS**3 sem. hrs.**

The theory and practice of wireless telecommunications systems. Emphasis is on application, design, and analysis of wireless systems. Prerequisites: C or better in ITK 375. Major/minor only or consent department advisor.

382 DISTRIBUTED SYSTEMS**3 sem. hrs.**

Overview of distributed systems including system architectures, models, distributed operating systems, distributed algorithms, distributed databases, distributed objects, issues and trends. Offered alternate years. Prerequisites: C or better in ITK (179 or 277) and (225 or 254) and 261. Major/minor only or consent department advisor.

383 PRINCIPLES OF OPERATING SYSTEMS**3 sem. hrs.**

Functional criteria for operating system design. Job management, task management, data management, resource allocation and dump and trace facilities. Prerequisites: C or better in ITK 179 and 225. Major/minor only or consent department advisor.

384 COMPUTER ARCHITECTURE**3 sem. hrs.**

Modern computer system design methodologies, techniques used in high-performance computing systems, multiprocessor architectures and interconnection networks, storage systems, and performance evaluations. Prerequisites: C or better in ITK 225. Major/minor only or consent department advisor.

385 TOPICS IN COMPUTER SCIENCE**3 sem. hrs.**

In-depth study of a topic such as compiler design, artificial intelligence, programming language and digital logic design. May be repeated if content different. Offered alternate years. Prerequisites: Junior/senior standing. Major/minor only or consent department advisor. Prerequisites vary with topic chosen.

388 INTRODUCTION TO PARALLEL PROCESSING**3 sem. hrs.**

Study of parallel processors and their software environments. Students will write programs for several parallel computers. Offered alternate years. Prerequisites: C or better in ITK 225; concurrent registration in ITK 279. Major/minor only or consent department advisor.

391 DIRECTED PROJECT IN INFORMATION TECHNOLOGY**1-6 sem. hrs.**

Team design and/or implementation of a modest-sized computer-based system in a *live* environment under faculty supervision. May be repeated; maximum 16 hours combined credit in ITK 298, 391 and 398. Prerequisites: Senior standing and C or better in ITK 191 and 377 or 378 or 383. Major only.

392 ENTERPRISE SYSTEMS INTEGRATION AND APPLICATION DEVELOPMENT**3 sem. hrs.**

Capstone course including business applications, systems integration, enterprise business decisions, systems administration, and the systems deployment life cycle. Prerequisites: C or better in ITK 332 and 378. Major/minor only or consent department advisor.

**394 ENTERPRISE SYSTEMS ARCHITECTURE,
PERFORMANCE ANALYSIS, AND
SERVER STRUCTURES**
3 sem. hrs.

Capstone course, including enterprise system architectures, hardware/software design, performance analysis/evaluation and improvement, and server construction. Prerequisites: C or better in ITK 279 and 332. Major/minor only or consent department advisor.

**398 PROFESSIONAL PRACTICE: IN
INFORMATION TECHNOLOGY**
1-6 sem. hrs.

Maximum 16 hours credit in Professional Practice. Prerequisites: C or better in 191. By application and prior approval of ITK Professional Practice Advisor only. Major only.

**398.50 PROFESSIONAL PRACTICE: COOP I
IN INFORMATION TECHNOLOGY**
1-6 sem. hrs.

May be repeated; maximum 6 hours. Prerequisite: Major only.

**398.60 PROFESSIONAL PRACTICE: COOP II
IN INFORMATION TECHNOLOGY**

CR/NC basis only. May be repeated. Prerequisites: Concurrent registration in ITK 398.50. Major only.

KINESIOLOGY AND RECREATION (KNR)

512

214 Horton, (309) 438-8661

Web address: KinRec.IllinoisState.edu

Director: Kevin L. Burke.

Tenured/Tenure-track Faculty:

Professors: Brown, Burke, Lacy, McCaw, Thomas.

Associate Professors: Amorose, Beggs, Coleman, Garrahy, Henninger, Hurd, Klitzing, Lagally, Laudner, McEvoy, McLoda, Schlatter, Smith.

Assistant Professors: Carlson, Cox, Elkins, Laurson, Popp, Williams, Zahl.

General School Information

Admission/Retention Requirements:

A student may be admitted to the Athletic Training Major, Exercise Science Major, Physical Education Teacher Education Major or the Recreation and Park Administration Major as a new freshman, as a transfer student, or as a change of major at Illinois State University. New freshmen who meet the University's admission standards may elect to become a major in the School of Kinesiology and Recreation. GPA requirements for transfer student admissions are the same as the Change of Major (within Illinois State). Applications for prospective majors are available in the School academic advisement office.

Retention of students will be determined by the student's cumulative GPA and other specified criteria required for the major. All courses required in each major must be completed with a grade of C or better.

HONORS IN KINESIOLOGY AND RECREATION

Majors in the School of Kinesiology and Recreation with superior academic records are invited to apply for admission to the School Honors Program. The program provides an opportunity for a scholastically gifted student to pursue personal interests through an independent honors project. Students successfully completing the Honors Program will receive the designation of Honors in Kinesiology and Recreation upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

- Be a declared Athletic Training, Physical Education Teacher Education, Exercise Science, or Recreation and Park Administration major with at least 30 and not more than 90 hours of course work completed, including at least 6 hours of KNR courses.
- Have a minimum 3.30 overall GPA.
- Submit an application form to the School of Kinesiology and Recreation Honors advisor.

Honors Program Requirements:

- Fulfill the general requirements for participation in the University Honors Program.
- Successfully complete a minimum of 3 hours of School of Kinesiology and Recreation Honors courses.
- Successfully complete KNR 295: Honors Seminar.
- Initiate and complete a research project in KNR 299: Independent Honors Study (variable, 3-6 hours) under the direction of a faculty mentor in the student's major/sequence.
- Maintain a minimum 3.30 overall GPA.

PROFESSIONAL PRACTICE/STUDENT TEACHING

Internship and cooperative education experiences are available at all levels in Athletic Training (298, 398), Exercise Science (298, 398), and in Recreation and Park Administration (298, 398). Students may earn from 1-16 hours. No more than 16 hours may be applied toward graduation. Professional Practice experiences are supervised work experiences in businesses, agencies, organizations, and institutions and are either paid or unpaid. For further information, contact the Professional Practice coordinator in your major. A student with a double major within the School of Kinesiology and Recreation will enroll in professional practice with the area of certification as the primary assignment. An 80-hour assignment in the secondary sequence area will be assigned.

Student Teaching in Physical Education requires being accepted into the Teacher Education program at Illinois State University. Students are placed in schools with physical education cooperating teachers at the elementary, middle school, and/or secondary school levels as required for teacher certification. Student teachers are supervised by Physical Education faculty supervisors. The Physical Education Student Teaching Coordinator arranges for all student teaching placements.

Athletic Training Education Program

Degree Offered: B.S.

MAJOR IN ATHLETIC TRAINING

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Admission to Athletic Training Education Program:

All students planning to become certified athletic trainers must apply for and be admitted to the Athletic Training Education Program (ATEP) Clinical Instruction Practicum. Completed applications are accepted only during the fall semester and must be received on or before November 30. Transfer students must also apply to the ATEP Clinical Instruction Practicum and will be evaluated individually based on previous course work and stated criteria. Current application deadlines are posted on the athletic training home page and announced in KNR 188. Eligibility to apply for admission to the ATEP Clinical Instruction Practicum will be determined by the Director of Athletic Training Education. Applicants compete for available spaces in the program. The following qualifications must be met to be considered for admission into the program.

1. Fulfill university requirements up to the time of application to the ATEP Clinical Instruction Practicum.
2. Completion of prerequisite course work with a grade of C or better in KNR 181, 188, 188.01.
3. Overall GPA of 2.70 or better and major GPA of 2.70 or better.
4. Completed application for admittance to the ATEP Clinical Instruction Practicum.

Students successful in the four previous criteria are then considered for acceptance into the clinical portion of the program. Placement is limited by the number of clinical sites and availability of approved clinical instructors. Highest priority will be given to the most qualified applicants based on the following criteria:

- overall and major grade point average
- grades in requisite courses
- quality of written essay submitted with application
- performance evaluations of observation hours from clinical instructors
- score on an athletic training general knowledge examination
- two written recommendations from qualified individuals

- completion of an interview with members of the athletic training faculty

The selection process results in one of the following student classifications:

- a. full acceptance to the clinical portion of the program
- b. qualified, but placed on a wait list
- c. not qualified, not accepted

Athletic Training Education Program Curriculum:

- 61 major hours that include:
- 55 hours in KNR as follows:
- 17 hours in foundation courses: KNR 181, 182, 240, 254, 280, 282.
- 33 hours in athletic training core courses: KNR 188, 188.01, 252, 284, 288, 298.11, 298.12, 298.13, 298.14, 298.15, 334, 335, 361, 362, 363, 387, 388.
- 5 hours (minimum) in KNR 398.12.
- 6 hours interdisciplinary courses: HSC 105; FCS 315.

Standards for Progress in the Major:

Once admitted to the ATEP Clinical Instruction Practicum, the student will begin clinical work in athletic training at Illinois State University, and must maintain the following requirements:

1. A minimum cumulative and major GPA of 2.70.
2. A student falling below the required GPA will be placed on probation for one semester. If after one semester, the 2.70 GPA has not been re-established, the student will be dropped from the ATEP Clinical Instruction Practicum and advised to change majors.
3. The student must earn a C or better on each clinical site supervisor evaluation. A student earning less than a grade of C will not be permitted to count the hours completed during the affected clinical rotation toward ATEP requirements.
4. The student must adhere to the latest published version of the Program Policy and Procedures Manual maintained on the Program website. The student is hereby informed of reasonable monetary costs associated with the Athletic Training Program including the purchase of uniform clothing to be worn during assigned clinical rotations.
5. In keeping with the University requirements regarding hepatitis-B (HBV) immunizations, clinical students in the program shall be immunized against this disease. Additionally students admitted to the Clinical Instruction Practicum must submit complete documentation of a current physical examination from an approved (MD or DO) licensed physician.
6. The student is responsible for maintaining standards and expectations of the program. Failure to do so will result in written notification and reprimand including possible dismissal from the program.
7. A student who has not been retained in the ATEP Clinical Instruction Practicum may reapply for admission during the next available application period upon the advisement of the Director of Athletic Training Education.

Certification and Licensure:

Completion of the ATEP program of study including 1200 supervised clinical hours and certification in first aid and Emergency Cardiac Care is designed to permit the student to apply to take the BOC certification examination and to apply for Illinois licensure as an athletic trainer. However, accreditation and licensure requirements are subject to change so the student is strongly advised to obtain notification of the latest requirements for BOC certification and Illinois licensure from the respective governing organizations and from the Director of Athletic Training Education.

Exercise Science Program

Degree Offered: B.S.

MAJOR IN EXERCISE SCIENCE

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Exercise Science Program of Study:

- 67 total hours required.
- 52 hours in the following core and major courses required:
- 20 hours in core courses: KNR 181, 182, 240, 254, 257, 280, 282;
- 22 hours in major courses: KNR 154.40, 164, 285, 286, 298.10, 307, 308, 309, 310, 378.10;
- 10 hours in KNR 398.11.
- 15 hours of courses must be selected from cognate groups (Biomechanics, Clinical (diseased) Populations, Technology, Business Administration, Nutrition, Aging, Research, Sport and Exercise Psychology, Pre-professional (physical therapy and occupational therapy preparation) courses with the requirement that at least two courses be taken from at least one cognate area.
- Any course used to satisfy General Education requirements cannot be used as a cognate area elective.

Standards for Progress in the Major:

Once admitted to the Exercise Science major, the student must maintain the following requirements:

1. A minimum 2.50 cumulative GPA.
2. A student falling below the required GPA will be placed on probation for one semester. If after one semester, the

2.50 GPA has not been re-established, the student will be dropped from the Exercise Science major.

3. A student who has not been retained in the program, may reapply for admission to the Exercise Science major after meeting all of the criteria again. The student who is not readmitted after one semester of probation and has a minimum 2.00 GPA will have the choice to enter the Physical Education General Sequence.
4. A student must have a minimum 2.50 cumulative GPA and have completed all major courses with a C or better to participate in the senior internship (KNR 398.11 Professional Practice: Internship in Exercise Science).

Credentialing Opportunities:

There is no single professional credential or certification that is necessary to pursue a career in Exercise Science. However, there are a number of optional credentialing opportunities that students are encouraged to examine. Coursework in this major is focused on the content areas needed for certification preparation by several organizations in this professional field of study. Students graduating in this major can strengthen their professional credentials by pursuing a variety of different certifications offered by organizations such as the American College of Sports Medicine and the National Strength and Conditioning Association. Students interested in learning more about these recommended certification options should consult the Exercise Science Program Director in the School of Kinesiology and Recreation for further information.

MINOR IN EXERCISE SCIENCE

- 24 total hours required.
- 11 hours in core courses: KNR 181, 182, 240, 280.
- 11 hours in sequence courses: KNR 298.10, 307, 308, 309.
- 2 hours minimum selected from the following: KNR 154.40, 282, 285, 286, 310.

NOTE: The Exercise Science Minor is not available to majors in the Kinesiology program of study.

Physical Education Program

Degrees Offered: B.S., B.S. in Education

MAJOR IN PHYSICAL EDUCATION

The Physical Education program consists of two sequences. The Physical Education Teacher Education Sequence requires a minimum cumulative GPA of 2.50 for admission and retention. The Physical Education Studies (general) Sequence requires a minimum cumulative GPA of 2.00 for admission and retention. All physical education major courses must be completed with a grade of C or better.

Physical Education Studies (General) Sequence (B.S.):

A student has the opportunity to select from a series of Physical Education courses to develop a plan of study. Students in the Physical Education Studies Sequence must have earned a minimum cumulative 2.00 GPA.

Physical Education Studies Sequence Program of Study:

- 40 hours required.
- Required courses: 26-hour core of KNR 160, 181, 182, 240, 254, 257, 280, 282. Select 3 additional KNR hours.
- 14 additional hours from within the Physical Education Program are required for majors not selecting a specialized sequence. A minimum of 8 hours of upper-division courses are required, 6 of which must be at the 300-level.
- A second major or minor, or an individualized program by advisement, is recommended.
- Graduation requirements: all required Physical Education courses must be completed with a grade of C or better.

Standards for Progress in the Major:

After being officially admitted to the Physical Education Studies Sequence, the student must maintain a minimum cumulative 2.00 GPA.

Teacher Education Sequences (B.S. in Ed.):

The Physical Education-Teacher Education program for undergraduate majors leads to a K-12 specialist certification. All Physical Education-Teacher Education majors planning on becoming certified teachers must apply for and be admitted to the University's Teacher Education Program (see Teacher Education Program section of this *Undergraduate Catalog*).

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Upon acceptance into the Physical Education-Teacher Education (PETE) Program, the teacher candidate must maintain a minimum cumulative and minimum major GPA of 2.50 throughout their undergraduate program. Once accepted, the teacher candidate must meet all teacher education requirements, including, but not limited to "Standards for Progress in the Physical Education-Teacher Education Major." The New Transfer student must have passed all sections of the Basic Skills Test prior to registering for additional coursework in the PETE program after the initial semester.

Any Internal Transfer student wishing to become a Physical Education-Teacher Education (PETE) major must apply to the Physical Education-Teacher Education Program at Illinois State University. Current application deadlines and forms can be found at www.FindYourMajor.ilstu.edu.

Once an applicant is accepted into the Physical Education-Teacher Education Program, the teacher candidate must:

- (1) maintain a minimum cumulative GPA of 2.50 and a minimum major GPA of 2.50 each semester;
- (2) complete a projected program plan for graduation with the academic advisor for Physical Education-Teacher Education; and
- (3) be admitted to Professional Studies through the College of Education.

Teacher Education Sequence Program of Study Leading to a K-12 Special Certificate:

- 81 total hours required.
- 55 hours in the following core and sequence courses required:
 - 20 hours in core courses: KNR 181, 182, 240, 254, 257, 280, 282;
 - 35 hours in sequence courses: KNR 156, 158, 221, 225, 242, 244, 245, 246, 247, 341, 364, 383, 391.
 - 26 hours in Professional Education requirements: (See the University-Wide Teacher Education section in this *Undergraduate Catalog* for Professional Education requirements); STT 399.74 (6 semester hours), 399.75 (6 semester hours).

Standards for Progress in the Major:

Standards for Progress in the Physical Education-Teacher Education Major:

1. To progress through the program in a timely manner, the teacher candidate must continuously maintain a minimum cumulative 2.50 GPA and a minimum major 2.50 GPA to remain academically eligible.
2. A teacher candidate falling below the minimum GPA, cumulative or major, will be placed on **academic probation** within the School of Kinesiology and Recreation for one semester. If after one semester the 2.50 cumulative and/or major GPA has not been reestablished, the teacher candidate will be removed from the PETE Program. A student who is not readmitted after one semester of probation, but has a minimum 2.00 GPA, will have the choice to enter the Physical Education (general) Sequence or select another major on campus.
3. The student may submit an application to the program after re-establishing the minimum academic requirements. The Physical Education-Teacher Education Selection and Retention Committee review applications each September and February. Acceptance into the program is competitive (Please see Admission Requirements for New and Continuing Students).

4. A student who has not been retained in the PETE program may appeal for reconsideration to the Physical Education-Teacher Education Selection and Retention Committee, providing evidence as to why re-admittance to the program should be considered.

MINOR IN PHYSICAL EDUCATION

Secondary Physical Education Sequence:

This is a Teacher Education program.

Students wishing to minor in Physical Education-Teacher Education (PETE) must apply to the PETE Program at Illinois State University. Current application deadlines and forms can be found on the Apply To Your Minor Program within the iCampus Portal.

- 27 hours in Kinesiology and Recreation required.
- Required courses: KNR 158, 181 or 182, 225, 242, 244, 245, 257, 341, 383.

The Secondary Physical Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education website (www.isbe.net) for specific certification requirements.

Athletic Coaching Sequence:

Students wishing to minor in Athletic Coaching must apply through the School of Kinesiology and Recreation. The number of students admitted to the minor each year is limited and highest priority will be given to the most qualified applicants. Applications are accepted in January for enrollment the following fall semester. Application forms are available at the School of Kinesiology and Recreation Web site and main office.

- 24 hours in Kinesiology and Recreation required.
- Required courses (18 hours): KNR 205, 207, 260, 306, 320, 382.
- Elective courses (6 hours): KNR 210, 211, 212, 213, 214, 215, 216.

Certification Opportunity:

Students have the opportunity to qualify for the American Sport Education Program (ASEP) certification.

Recreation and Park Administration Program

Degree Offered: B.S.

Students may obtain advising material related to Recreation and Park Administration (RPA) in the School's main office. The Kinesiology and Recreation academic advisor will assist students with planning and completing an academic plan of study. All major courses in RPA must be completed with a grade of C or better.

MAJOR IN RECREATION AND PARK ADMINISTRATION

New Transfer and Internal Transfer Admission Requirements:

1. Students must have an overall minimum GPA of 2.00.
2. Students must complete a departmental application. Applications are available in the School advisement office.

NOTE: The number of students admitted to the program may vary year to year depending on program capacity. Highest priority will be given to the most qualified applicants.

Recreation Management Sequence:

- 62 total hours required.
- 39 hours in core courses: KNR 170, 171, 270, 271, 298.30, 298.36, 370, 376, 378.30, 380, 398.30.
- 12 hours in sequence courses: KNR 272, 275, 374, 382.
- 11 hours in interdisciplinary courses selected with advisement from the following cognate groups: event management, outdoor and environmental education, youth, recreation sports, park planning, enterprise management, and non-profit management.

Certification Opportunity:

Students graduating from this program are immediately eligible to sit for the examination to become a Certified Leisure Professional.

Therapeutic Recreation Sequence:

- 66 total hours required.
- 39 hours in core courses: KNR 170, 171, 270, 271, 298.30, 298.36, 370, 376, 378.30, 380, 398.30.
- 12 hours in sequence courses: KNR 273, 278, 279, 373.
- 15 hours in interdisciplinary courses: HSC 105; KNR 181; PSY 213, 350; 3 hours selected from approved health and human services and/or disability related courses.

Certification Opportunity:

Students graduating from the Therapeutic Recreation Sequence who have met all the NCTRC requirements (major and recommended courses including an approved internship) are eligible to apply to sit for the examination to become a Certified Therapeutic Recreation Specialist.

MINOR IN RECREATION AND PARK ADMINISTRATION

- 24 hours required.
- Required courses: KNR 170, 171, 270, 271, 370, 376, 380.
- 3 hours of courses selected from: KNR 272, 273, 275, 278, 279, 371, 373, 374, 377, 382.

Kinesiology Courses

Some sections of these courses may be restricted to School of Kinesiology and Recreation majors. An optional locker and towel charge will be assessed for students in selected Physical Education activity courses.

105 BADMINTON I

1 sem. hr.

Introduction to the basic strokes and strategies of badminton. Tournament play in singles and/or doubles. Not for credit if had KNR 150.20. Materials charge optional.

106.02 BASKETBALL II

1 sem. hr.

Development of intermediate and advanced skills and strategies of basketball.

108 BILLIARDS I

1 sem. hr.

Basic shooting techniques with focus on stance, bridge and cue ball contact. Experience in games of Basic Pocket Billiards, Rotation and Eight Ball. Materials charge optional.

112 BOWLING I

1 sem. hr.

Development of basic skills and knowledge for the beginning bowler. Materials charge optional.

113 PERSONAL FITNESS

3 sem. hrs.

The development of a personalized, comprehensive fitness program based on knowledge and understanding of the specific effects of exercise. Materials charge optional. Lecture and lab. Not for credit School of Kinesiology and Recreation major.

114 NAUTILUS CONDITIONING

1 sem. hr.

Basic techniques and knowledge necessary to increase muscular strength through the use of nautilus resistive isotonic exercise equipment. Not for credit if had KNR 285.

115 ADVENTURE EDUCATION

1 sem. hr.

Development of basic knowledge and skills in adventure education. Prerequisites: Insurance clearance, liability and medical release waiver required.

116 FITNESS WALKING AND JOGGING

1 sem. hr.

Knowledge and techniques of walking and jogging as modes for developing and/or maintaining appropriate health-related physical fitness levels. Formerly KNR 133.45.

119 GOLF I

1 sem. hr.

A basic course in golf designed for the beginner or high handicap golfer. Materials charge optional.

126 AEROBICS

1 sem. hr.

Introduction to aerobics designed to develop and improve strength, flexibility, and cardiovascular endurance.

127 SWIMMING I

1 sem. hr.

For the fearful or non-swimmer with no aquatic skills. Instruction in adjustment experiences, basic techniques of safety, survival, and propulsion. Materials charge optional.

127.10 AQUATIC FITNESS

1 sem. hr.

Shallow water aerobic exercise and/or lap swimming programs to develop and maintain physical fitness. May be repeated for credit once. Ability to swim not required.

133 SELECTED ACTIVITIES

1 sem. hr.

Selected beginning and/or intermediate activities offered as experimental programs. Material charge optional.

136 VOLLEYBALL I

1 sem. hr.

Basic skills, rules, and strategies involved in the game of volleyball, and application in tournament play.

137 SOCCER

1 sem. hr.

Basic skills, rules, and strategies necessary for game play. Fundamentals emphasized with application in competitive play.

138 SLOW PITCH SOFTBALL

1 sem. hr.

Basic skills and knowledge of slow pitch softball. Formerly KNR 133.17.

142 TENNIS I

1 sem. hr.

Basic skills, rules, and strategies involved in the game of tennis, and application in tournament play. Materials charge optional.

146 MILITARY PHYSICAL CONDITIONING

1 sem. hr.

Practical experience in the structure, techniques, and conduct of military physical conditioning to develop total fitness and leadership ability. May be repeated; maximum 4 hours.

147 WEIGHT TRAINING

1 sem. hr.

Basic knowledge and concepts of use of resistive exercises to increase muscular strength and endurance. Participation in an individual weight program. Not for credit if had KNR 285.

154.40 STRESS MANAGEMENT INSTRUCTIONAL METHODS

1 sem. hr.

Study of stress and how it affects the body. Practice of stress management relaxation techniques, and teaching methods for relaxation. Prerequisite: Major/minor only.

156 INTRODUCTION TO PHYSICAL EDUCATION: TEACHER EDUCATION

2 sem. hrs.

Identification of foundational concepts in physical education, including historical and philosophical orientation, sub-disciplinary movements, career development, and physical education issues. Not for credit if had KNR 160 *FOUNDATIONS OF HUMAN MOVEMENT*. Prerequisite: Major/minor only.

158 INSTRUCTIONAL STRATEGIES IN PHYSICAL EDUCATION

3 sem. hrs.

Introduction to planning and teaching physical education. Includes lesson planning, practice of teaching skills through micro teaching, peer teaching, analysis of teaching. Includes Clinical Experience: 20 hour, Type 1-4, 5-1, 6-15.

164 INTRODUCTION TO EXERCISE SCIENCE

3 sem. hrs.

Foundations of exercise science, including history and philosophy, careers, professional organizations, certifications, sub-disciplines, research methods, and professional issues. Prerequisite: Major/minor only.

180 FIRST AID AND CPR

2 sem. hrs.

First Aid, cardiopulmonary resuscitation, and automated external defibrillation for accidents and sudden illnesses to become American Red Cross certified. Materials charge optional. Formerly *FIRST AID*.

181 HUMAN ANATOMY AND PHYSIOLOGY

3 sem. hrs.

Gross structure and physiology of the human body; particular attention to the locomotor system. Lecture and lab.

182 HUMAN ANATOMY AND PHYSIOLOGY

3 sem. hrs.

Emphasis on the nervous, circulatory, respiratory, and digestive systems.

188 INTRODUCTION TO ATHLETIC TRAINING

1 sem. hr.

Introduction to the field of athletic training, including history, professional developments, certification requirements, responsibilities, skills, facilities, and clinical settings. Prerequisites: KNR 188.01 concurrent registration.

188.01 CLINICAL PRACTICUM IN ATHLETIC TRAINING

1 sem. hr.

Introduction to the actual experience of athletic training by observation and clinical practice. Prerequisites: KNR 188 concurrent registration.

205 SCIENTIFIC PRINCIPLES OF COACHING

3 sem. hrs.

Introduction to scientific principles that constitute the basis for sound athletic coaching practices. Not for credit if had KNR 181, 240, 280, or 282. Prerequisites: Major/minor only. Sophomore standing.

207 FOUNDATIONS FOR SUCCESSFUL COACHING

3 sem. hrs.

Theory and applications of coaching concepts for the interscholastic and youth sport coach. Coaching certification available. Formerly *THE COACH IN ORGANIZED SPORTS AND ATHLETICS*. Prerequisites: KNR 205 or concurrent registration. Sophomore standing.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES

3 sem. hrs.

OC-SMT

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions. Also offered as FCS/HSC 208. Prerequisites: Inner Core and MC-IS category.

211 BASKETBALL COACHING

2 sem. hrs.

A course for professional preparation of coaches for basketball, including philosophy, techniques, scouting reports and tactics of the game. Prerequisites: KNR 207; Sophomore standing.

212 FOOTBALL COACHING

2 sem. hrs.

Theory and techniques of basic offensive and defensive football, including history, development of trends, and modern innovations. Prerequisites: KNR 207; Sophomore standing.

213 TRACK AND FIELD COACHING

2 sem. hrs.

Techniques/methods of coaching track/field, including philosophy, pedagogy, event training, skill analysis, conditioning, practice organization, competition, and meet administration. Prerequisites: KNR 207; Sophomore standing.

215 VOLLEYBALL COACHING

2 sem. hrs.

Techniques/methods of coaching volleyball for pre-collegiate levels, including philosophies, pedagogy, strategies, tactics, practice/competitive situations, administration, management and public relations. Prerequisites: KNR 207; Sophomore standing.

216 SOFTBALL COACHING

2 sem. hrs.

Techniques/methods of coaching softball for pre-collegiate levels including philosophies, pedagogy, strategies, tactics, practice/competitive situations, management and administration. Prerequisites: KNR 207; Sophomore standing.

221 TEACHING ELEMENTARY PHYSICAL EDUCATION

3 sem. hrs.

Methods of teaching elementary physical education; observations and teaching experiences in schools; laboratory sessions on developmentally appropriate physical education. Includes Clinical Experience: 20 hours, Type 1-5. Formerly *ELEMENTARY PHYSICAL EDUCATION CURRICULUM*. Not for credit if had KNR 358. Prerequisites: Major only. KNR 158, 225, concurrent registration in KNR 245.

222 PHYSICAL EDUCATION FOR ELEMENTARY CLASSROOM TEACHER

2 sem. hrs.

Factors essential to program planning in physical education grades one through six. Types and progression of activities; methods and techniques of class organization. Observations of children and laboratory sessions in activities. Not for credit major. Includes Clinical Experience. Prerequisite: Junior standing.

225 MOTOR DEVELOPMENT**3 sem. hrs.**

Study of changes in motor behavior across the lifespan, factors affecting motor development and implications for life-long physical activity. Includes Clinical Experience: 6 hours Type 1 and 4. Formerly *MOTOR DEVELOPMENT OF CHILDREN*. Prerequisites: KNR 158, concurrent registration. KNR 244. Major/minor only. All sections of State of Illinois Basic Skills Test passed.

240 PRINCIPLES AND APPLICATIONS OF FIELD-BASED ASSESSMENT**2 sem. hrs.**

Applied aspects of field-based fitness assessment, including test selection, implementation, and analysis. Formerly *PRINCIPLES AND APPLICATIONS OF FITNESS TRAINING*. Prerequisites: Major/minor only. KNR 181 and 182; KNR 280 or concurrent registration.

242 SECONDARY METHODS AND PRACTICES IN PHYSICAL EDUCATION**3 sem. hrs.**

Development and administration of secondary physical education programs. Planning and teaching physical education activities at the secondary level. Includes Clinical Experience: 20 hours, Type 1-5. Not for credit if had KNR 241. Materials charge optional. Prerequisites: KNR 158, 225; 221 or concurrent registration. Admission to Professional Studies.

244 TEACHING TEAM SPORTS**3 sem. hrs.**

Development of content knowledge and teaching skills of various team sports. Emphasis on teaching progressions, management, assessment, strategies, and tournaments. Materials charge optional. Prerequisites: Major/minor only. KNR 158, concurrent registration KNR 225.

245 TEACHING INDIVIDUAL/DUAL SPORTS AND ACTIVITIES**3 sem. hrs.**

Content knowledge and teaching skills and various individual sports and activities. Emphasis on teaching progressions, management, assessment, and strategies. Materials charge optional. Prerequisites: Major/minor only. KNR 158, concurrent registration KNR 221.

246 TEACHING DANCE AND TUMBLING/GYMNASTICS FORMS**2 sem. hrs.**

Fundamental skills and concepts of dance and tumbling/gymnastics. Safety procedures, skill development, instructional strategies, and assessment are included. Prerequisites: Major/minor only. KNR 158, concurrent registration KNR 242.

247 PROMOTING PHYSICAL ACTIVITY AND FITNESS IN PHYSICAL EDUCATION**3 sem. hrs.**

Current activity levels/fitness of youth, promotion of lifetime physical activity, evaluative procedures, and implementing fitness activities into the curriculum. Not for credit if had KNR 281, 283, 285. Materials charge optional. Prerequisites: Major/minor only. KNR 158, 240 and 280, concurrent registration KNR 341.

252 EMERGENCY ASPECTS OF ATHLETIC INJURIES**3 sem. hrs.**

Emergency planning, prevention, and care for athletics. Materials charge optional. Prerequisites: KNR 298.11 or concurrent registration.

254 SOCIO-PSYCHOLOGICAL PERSPECTIVES IN PHYSICAL ACTIVITY**3 sem. hrs.**

Survey of cultural, philosophical, social and psychological factors influencing the nature, evolution and maintenance of informal and formal physical activities. Prerequisites: Major/minor only or consent instructor.

257 MOTOR LEARNING AND PERFORMANCE**3 sem. hrs.**

Study of processes involved in acquiring and perfecting motor skills and effects of aging on acquisition of those skills. Prerequisites: Major/minor only or consent instructor.

260 ATHLETIC INJURY CONCEPTS FOR COACHES**3 sem. hrs.**

An introductory course for coaches, with emphasis on the prevention and care of athletic injuries. Prerequisites: KNR 207 or concurrent registration; sophomore standing.

280 EXERCISE PHYSIOLOGY**3 sem. hrs.**

Application of human anatomy and physiology to the understanding of physical education. Effects of exercise on body systems and performance. Prerequisites: Major/minor only. KNR 181 and 182; KNR 240 concurrent registration.

282 BIOMECHANICS OF HUMAN MOVEMENT**3 sem. hrs.**

Study of human movement based on principles of anatomy and mechanics of motion. Lecture and lab. Materials charge optional. Prerequisites: KNR 181 or BSC 181; PHY 105 or 108.

284 PREVENTION AND CARE OF ATHLETIC INJURIES**3 sem. hrs.**

An introductory course, with emphasis on the prevention and care of athletic injuries. Prerequisites: KNR 181 or consent instructor. Major/minor only.

285 RESISTIVE EXERCISE INSTRUCTIONAL METHODS**1 sem. hr.**

Instructor preparation for creating individualized resistive exercise programs for persons across the age span. Includes personal skill development. Prerequisites: Major/minor only. KNR 164, 240, 280.

286 GROUP EXERCISE INSTRUCTIONAL METHODS**2 sem. hrs.**

Introduction to leading several modes of group fitness classes for a variety of populations, including group leadership experiences. Prerequisites: Major/minor only. KNR 164, 240, 280.

288 THERAPEUTIC MODALITIES**3 sem. hrs.**

An investigation of the theoretical, technological, and physiological basis of therapeutic modalities in athletic training. Prerequisites: KNR 181, 182, 188 or consent instructor.

295 HONORS SEMINAR**1 sem. hr.**

Introduction to independent Honors study; identification and definition of problems; selected methods for problem solving; use of library resources.

**298.10 PROFESSIONAL PRACTICE:
PRACTICUM IN EXERCISE SCIENCE**
2 sem. hrs.

Application of knowledge and skills in professional settings for Exercise Science. Fifty out-of-class hours required. Materials charge optional. Formerly *PP:PRACTICUM IN EXERCISE SCIENCE AND FITNESS*. Prerequisites: Major/minor only. KNR 164, 240, 280 or consent of instructor. Junior standing.

**298.11 PROFESSIONAL PRACTICE: ATHLETIC
TRAINING CLINICAL COMPETENCIES I**
1 sem. hr.

Supervised instruction and practice of skills and competencies for the beginning (Level 1) student athletic trainer. Materials charge optional. Prerequisites: KNR 188, 188.01 and admittance to the Athletic Training Education Program-Clinical Instruction Practicum.

**298.12 PROFESSIONAL PRACTICE:
ATHLETIC TRAINING
CLINICAL COMPETENCIES II**
1 sem. hr.

Supervised instruction and practice of clinical skills and competencies for the progressing (Level 2) student athletic trainer. Materials charge optional. Prerequisites: KNR 298.11 or consent instructor.

**298.13 PROFESSIONAL PRACTICE:
ATHLETIC TRAINING
CLINICAL COMPETENCIES III**
1 sem. hr.

Supervised instruction and practice of clinical skills and competencies for the intermediate (Level 3) student athletic trainer. Prerequisites: KNR 298.12 or consent instructor.

**298.14 PROFESSIONAL PRACTICE:
ATHLETIC TRAINING
CLINICAL COMPETENCIES IV**
1 sem. hr.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 4) student athletic trainer. Materials charge optional. Prerequisites: KNR 298.13 or consent instructor.

**298.15 PROFESSIONAL PRACTICE: ATHLETIC
TRAINING CLINICAL COMPETENCIES V**
1 sem. hr.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 5) student athletic trainer. Prerequisites: KNR 298.14 or consent instructor.

303 EXERCISE PSYCHOLOGY**3 sem. hrs.**

Theory and application of social-psychological principles to leisure-time physical activity. Prerequisites: Major/minor only. Junior/senior standing or consent instructor.

306 PSYCHOLOGY OF SPORT**3 sem. hrs.**

Psychological principles and concepts applied to sport situations and to individuals involved with sport activities. Prerequisites: Major/minor only or consent instructor.

307 EXERCISE IN HEALTH AND DISEASE**3 sem. hrs.**

Application of exercise physiology principles to evaluate the extent to which common disease processes limit body function and exercise performance. Prerequisites: Major/minor only. KNR 164, 240, and 280.

308 EXERCISE PROGRAMMING**3 sem. hrs.**

Development of skills and knowledge necessary for designing exercise programs for all populations. Prerequisites: Major/minor only. KNR 164, 240 and 280; KNR 309 concurrent registration.

**309 PRINCIPLES AND TECHNIQUES
OF PHYSIOLOGICAL TESTING**
3 sem. hrs.

Application of various laboratory exercise testing modalities for evaluating human physiological function. Materials charge optional. Prerequisites: Major/minor only. KNR 164, 240 and 280; KNR 308 concurrent registration.

310 FITNESS MANAGEMENT**2 sem. hrs.**

Theories of organization and principles of management applied to fitness programs in the commercial, community, medical, and worksite settings. Prerequisites: Major/minor only. KNR 164, 298.10 or consent instructor.

317 SOCIOLOGY OF SPORT**3 sem. hrs.**

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups and collective behavior. Also offered as SOC 317.

320 DEVELOPMENT ASPECTS OF YOUTH SPORT**3 sem. hrs.**

Effects of sport and competitive activities on the biophysical and psychosocial development of young people. Prerequisites: Major/minor only or consent instructor.

334 THERAPEUTIC EXERCISE**3 sem. hrs.**

Essential components of a comprehensive rehabilitation program including goals, exercise selection, progression, evaluation, and criteria for return to competition. Prerequisites: KNR 288, or consent instructor.

335 ADMINISTRATION OF ATHLETIC TRAINING**2 sem. hrs.**

Theory and application in athletic training programs including pre-participation physical examinations, budget management, medical records, and legal aspects of sports medicine. Prerequisites: KNR 188, 284, or consent instructor.

341 ASSESSMENT IN PHYSICAL EDUCATION**3 sem. hrs.**

Planning and implementation of appropriate assessment strategies in physical fitness, motor skills, cognitive achievement, and the affective areas in K-12 physical education. Not for credit if had KNR 241. Prerequisites: KNR 158, 221, 225, 242 or concurrent registration.

342 OCCUPATIONAL BIOMECHANICS**3 sem. hrs.**

Application of biomechanical principles to the solution of problems related to the interaction of the worker with the workplace. Materials charge optional. Prerequisites: KNR 282 or consent instructor.

345 ADVANCED FUNCTIONAL ANATOMY**3 sem. hrs.**

This course synthesizes anatomy, physiology, and human movement as it relates to sports injury. Prerequisites: KNR 181, 182; Junior standing or consent instructor.

352 QUANTITATIVE ANALYSIS OF BIOMECHANICS**3 sem. hrs.**

Amplification of kinematics and kinetics of human movements; introduction to high-speed videography, biomechanics instrumentation and computer analysis. Materials charge optional. Prerequisites: KNR 282 or consent instructor.

353 BASIC ELECTROCARDIOGRAPHY AND CLINICAL EXERCISE TESTING**3 sem. hrs.**

Theory and application of electrocardiographic analysis in the functional and diagnostic assessment of individuals. Prerequisites: KNR 181, 182, 280, or consent instructor.

358 DIRECTED PRACTICUM IN ELEMENTARY PHYSICAL EDUCATION**3 sem. hrs.**

Taken the semester prior to student teaching. Arranged Clinical Experience assignment that includes observation, participation, and teaching in elementary physical education. Includes Clinical Experience: 40 hours, Type 1-5. Prerequisites: KNR 158, 221, 225, 242; 341 or concurrent registration. Admission to Professional Studies. Students must have 2 consecutive hours between 8 a.m. and noon and 1 p.m. and 3 p.m. (e.g., 9-11) free daily, during one half of the semester.

361 PATHOLOGY AND PHARMACOLOGY IN ATHLETIC TRAINING**3 sem. hrs.**

Relevant biomedical conditions and afflictions and associated pharmacological interventions for the athletic training student. Prerequisites: KNR 181, 182. Junior standing or consent instructor.

362 SEMINAR IN SPORTS MEDICINE I**1 sem. hr.**

Orientation to and preparation for the professional practice in athletic training including formal application and placement. Not for credit if had KNR 384. Prerequisites: KNR 298.13 concurrent registration.

363 SEMINAR IN SPORTS MEDICINE II**2 sem. hrs.**

Synthesis of program content in preparation for the BOC examination and initial employment. Not for credit if had KNR 384. Prerequisite: KNR 298.15 concurrent registration.

364 SENIOR SEMINAR IN PHYSICAL EDUCATION TEACHER EDUCATION**3 sem. hrs.**

Examination of relevant issues regarding professional development in K-12 physical education: induction, program advocacy, legal issues, and personal reflection. Not for credit if had KNR 358. Prerequisites: Major only; KNR 341 concurrent registration.

378.10 SEMINAR IN PROFESSIONAL PRACTICE FOR EXERCISE SCIENCE**2 sem. hrs.**

Orientation to the expectations and problems encountered during professional practice with application and placement in exercise science environments. Formerly *SEMINAR IN PROFESSIONAL PRACTICE*. Prerequisites: ES major only. KNR 164, 298.10 or consent instructor. Senior standing.

382 LEGAL ASPECTS OF RECREATION AND KINESIOLOGY**3 sem. hrs.**

Legal principles applied to recreation and kinesiology settings, with an emphasis on risk management practices. Formerly 289.43 *LEGAL ASPECTS OF SPORTS, PHYSICAL ACTIVITY AND RECREATION*. Prerequisites: KNR Major/minor only; Senior standing.

383 ADAPTED PHYSICAL EDUCATION**3 sem. hrs.**

Study of conditions requiring physical education programs to be adapted to meet the unique needs of students with disabilities. Includes Clinical Experience. 15 hours, Type 4. Prerequisites: Major/minor only. KNR 158, 221, 225.

387 ATHLETIC INJURY ASSESSMENT I**3 sem. hrs.**

The advanced study of lower extremity injuries, with emphasis on evaluation. Formerly *EVALUATION OF ATHLETIC INJURIES: LOWER EXTREMITIES*. Prerequisites: KNR 181, 284, or consent of instructor.

388 ATHLETIC INJURY ASSESSMENT II**3 sem. hrs.**

The advanced study of upper extremity and internal injuries with an emphasis on evaluation. Formerly *EVALUATION OF ATHLETIC INJURIES: UPPER EXTREMITIES*. Prerequisites: KNR 181, 284, or consent of instructor.

391 CREATING POSITIVE LEARNING ENVIRONMENTS IN PHYSICAL EDUCATION**1 sem. hr.**

Strategies for developing and implementing effective behavior management plans in physical education programs based on sound education practices. Prerequisites: STT 399.74 and/or 399.75 concurrent registration or consent instructor.

394 HEALTH ASPECTS OF AGING**3 sem. hrs.**

Characteristics of the aging process and factors influencing adaptation and the quality of living. Also offered as FCS/HSC 394.

**398.11 PROFESSIONAL PRACTICE:
INTERNSHIP IN EXERCISE SCIENCE**
1-14 sem. hrs.

Supervised internship work under the guidance of professionally qualified personnel from business, industry, government, and University faculty. Materials charge optional. Formerly *PP: INTERNSHIP IN EXERCISE SCIENCE AND FITNESS*. Prerequisites: ES major only. Senior standing and all graduation requirements met or in progress.

**398.12 PROFESSIONAL PRACTICE:
INTERNSHIP IN ATHLETIC TRAINING**
1-14 sem. hrs.

Internship experience in athletic training under the guidance of a qualified sports medicine professional. Materials charge optional. Prerequisites: AT major only. KNR 298.13 or consent instructor; and KNR 362.

Recreation and Park Administration Courses

Some sections of these courses may be restricted to School of Kinesiology and Recreation majors.

**170 INTRODUCTION TO LEISURE
AND RECREATION**
3 sem. hrs.

Nature, scope, and significance of recreation and leisure. Introduction to the professional areas of recreation and leisure delivery systems.

171 RECREATION LEADERSHIP
3 sem. hrs.

Development of activity planning skills, individual leadership skills, and group facilitation methods. Prerequisites: KNR 170 or concurrent registration.

175 LEISURE IN SOCIETY
3 sem. hrs.

Introduction of leisure in historical and contemporary perspectives. Relationships between leisure and other societal institutions. Determinants of leisure behavior.

**270 RECREATION FOR PEOPLE
WITH DISABILITIES**
3 sem. hrs.

Leadership, assistive techniques/devices and disability issues related to recreation programming for individuals with mental, physical, social and emotional limitations. Prerequisites: Major/minor only. KNR 271 or concurrent registration.

271 RECREATION PROGRAMMING
3 sem. hrs.

Comprehensive recreation program design including planning, organizing, promoting, and evaluating programs in a variety of leisure service delivery systems. Prerequisites: Major/minor only. KNR 171.

272 ENTREPRENEURIAL RECREATION
3 sem. hrs.

Study of the development, management, and future of recreation enterprises. Not for credit if had KNR 276, 277. Prerequisites: Major/minor only. KNR 298.30.

**273 INTRODUCTION TO THERAPEUTIC
RECREATION**
3 sem. hrs.

Foundation concepts of therapeutic recreation including history, philosophy, models, professional issues, and basic program delivery. Prerequisites: HSC 105 or concurrent registration. KNR 181 or concurrent registration. KNR 270, 271.

**275 PLANNING AND DESIGN OF
RECREATION FACILITIES**
3 sem. hrs.

Techniques and principles of site planning, design, and development of facilities in parks and recreation settings. Prerequisites: Major/minor only. KNR 271.

**278 THERAPEUTIC RECREATION
SERVICE DELIVERY**
3 sem. hrs.

Design of comprehensive and specific intervention programs used in the delivery of therapeutic recreation services. Prerequisite: KNR 273 or concurrent registration.

**279 THERAPEUTIC RECREATION
CLIENT DOCUMENTATION**
3 sem. hrs.

Focus on systematic and accountable client documentation (assessment, treatment plans, progress notes, discharge/referral summaries) for therapeutic recreation intervention programs. Prerequisite: KNR 278 or consent instructor.

295 HONORS SEMINAR
1 sem. hr.

Advanced readings and critical discussion of recreation with broad areas of concern in social, philosophical, and scientific bases.

**298.30 PROFESSIONAL PRACTICE: INTERNSHIP
AND COOPERATIVE EDUCATION IN
RECREATION AND PARK ADMINISTRATION**
2 sem. hrs.

Application of knowledge and skills in recreation programming to practical situations within a leisure service delivery system. Materials charge optional. Prerequisites: Major in Recreation and Park Administration; KNR 271, 298.36 or concurrent registration; Junior standing.

**298.31 PROFESSIONAL PRACTICE: INTERNSHIP
AND COOPERATIVE EDUCATION IN
COMMERCIAL RECREATION**
2 sem. hrs.

Application of knowledge and skills in recreation programming to practical situations within commercial, tourism, or travel recreation delivery systems. May be repeated. Prerequisites: KNR 271 or consent instructor. Junior standing recommended.

**298.36 PROFESSIONAL PRACTICE
PREPARATION SEMINAR IN
RECREATION AND PARK
ADMINISTRATION**
1 sem. hr.

Overview and investigation of professional practice preparation. Prerequisites: Major in Recreation and Park Administration; KNR 271 or concurrent registration. Junior standing.

370 ADMINISTRATION OF LEISURE SERVICE ORGANIZATIONS**3 sem. hrs.**

Organizational management functions such as planning, marketing, and financial accountability in organized recreation and leisure delivery systems. Not for credit if had KNR 375. Prerequisites: Major/minor only. KNR 298.30 or RPA Minor.

371 OUTDOOR RECREATION**3 sem. hrs.**

Overview of outdoor recreation concepts and management principles. Prerequisite: KNR 271.

373 TECHNIQUES IN THERAPEUTIC RECREATION**3 sem. hrs.**

Theory and application of facilitation techniques and interventions used in therapeutic recreation services. Lecture and lab. Formerly *LEISURE EDUCATION AND FACILITATION TECHNIQUES*. Prerequisites: KNR 273 or consent instructor.

374 ADVANCED RECREATION PROGRAMMING**3 sem. hrs.**

Application of recreation programming principles to a field setting which includes assessment, planning, organizing, implementing and evaluation functions. Fieldwork required. Prerequisites: Major/minor only. KNR 298.30 recommended.

376 EVALUATING AGENCY SERVICES**3 sem. hrs.**

Use and methods of evaluation, including conceptualization, implementation and report preparation, with application to leisure service delivery systems. Materials charge optional. Prerequisites: KNR 298.30. Major/minor only.

377 PRACTICES AND ISSUES IN RECREATION AND TOURISM**3 sem. hrs.**

Analysis of selected practices, issues, and current trends confronting commercial recreation business enterprises. Materials charge optional. Prerequisite: Consent instructor.

378.30 PROFESSIONAL ISSUES IN RECREATION AND PARK ADMINISTRATION**3 sem. hrs.**

In-depth analysis of selected trends, issues, problems confronting leisure service practitioners in contemporary settings, and professional practice selection. Prerequisites: Major only; KNR 298.30. Senior standing.

380 ADMINISTRATION OF HUMAN RESOURCES IN LEISURE SERVICES**3 sem. hrs.**

Administrative/management functions in the operation of organized recreation and leisure delivery systems. Not for credit if had KNR 375. Prerequisites: Major/minor only. KNR 298.30 or RPA Minor.

381 SPECIAL STUDIES IN RECREATION, TOURISM, AND SPORT**1-3 sem. hrs.**

Special work in research interests of students and faculty. Projects must be approved by the instructor. May be repeated; maximum 6 hours. Prerequisite: Consent instructor.

382 LEGAL ASPECTS OF RECREATION AND KINESIOLOGY**3 sem. hrs.**

Legal principles applied to recreation and kinesiology settings, with an emphasis on risk management practices. Formerly 289.43 *LEGAL ASPECTS OF SPORTS, PHYSICAL ACTIVITY AND RECREATION*. Prerequisites: KNR Major/minor only; Senior standing.

398.30 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN RECREATION AND PARK ADMINISTRATION**12 sem. hrs.**

Culminating experience of supervised internship done under the guidance of professionally qualified personnel in leisure service agencies and University faculty. Prerequisites: Major only; KNR 378.30. All graduation requirements met or in progress.

MILITARY SCIENCE (MSC) 516**ROTC Building, 211 North University, (309) 438-5408****Email address: arotc@ilstu.edu****Web site: ROTC.IllinoisState.edu****Chairperson: LTC Raymond Hart.****Military Science Program****General Department Information**

Reserve Officer Training Corps (ROTC) is designed to be completed concurrently with the student's academic degree. Students can complete the first two years of ROTC with absolutely no military service obligation. Veterans, National Guardsmen, Army Reservists, and students who complete a four week leadership course at Fort Knox, Kentucky receive constructive credit for the first two years (6 credit hours) of ROTC, and can complete the ROTC program in as few as two school years.

Freshman through senior ROTC courses are offered every semester. These academic courses progress from introducing the student to the Army's mission and organization, studying leadership principles and traits, to teaching students the duties and responsibilities required of officers in the twenty-first century. Each class has a leadership laboratory that meets once a week. At lab, freshmen through senior students train on basic military skills and receive the opportunity to develop leadership skills through hands-on application. Some of the skills learned during lab include rappelling, water survival training, rifle marksmanship, first aid and CPR, map reading and land navigation, and basic tactics.

In addition to regular on-campus training and activities, ROTC offers exciting and challenging weekend field training exercises during the school year. Trips include a staff ride, an orientation visit to Fort Knox, Kentucky, and trips to local National Guard training areas to practice marksmanship, land navigation, and tactical skills.

FINANCIAL AID

Military Science students can receive outstanding financial aid through Federal and State Army ROTC scholarships.

Federal ROTC scholarships are awarded for a four, three, or two-year period. Students compete at the national level for these scholarships. Each scholarship can pay up to the full tuition and fees each semester, provides a book allowance of \$1,200 a year, and a tax free monthly living allowance of \$300 for freshmen to \$500 for seniors, depending on scholarship status.

State ROTC tuition waivers are awarded by the Professor of Military Science at Illinois State University. The Redbird Battalion awards up to forty of these scholarships each semester to students in the ROTC program.

EXTRACURRICULAR ACTIVITIES

Several clubs complement the ROTC academic curriculum, and help students enjoy their college experience more.

Ranger Club trains intensively on military skills such as land navigation, patrolling, and rappelling. They sponsor the annual Ranger Challenge competition in which a group of ten cadets are tested on individual and team military skills. The Illinois State University Ranger Challenge team competes with nineteen other university ROTC Ranger Challenge teams from around the geographical region in an intercollegiate competition.

Rifle Club fires .22 caliber and precision air rifles weekly at an indoor rifle range. They also participate in marksmanship competitions with other university ROTC programs during the school year.

The Redbird Color Guard presents the national colors at home football and basketball games, as well as other local community events.

Drill Team trains and competes in exhibition drill competition with weapons. Exhibition drill normally involves spinning or tossing of the weapons and intricate precision marching.

CAREER OPPORTUNITIES

Students who complete the ROTC program receive a commission as a second lieutenant in the Army after graduation. The student has the option of serving in the National Guard or Army Reserve as a part time career, or on active duty in the Regular Army as a full time profession. ROTC graduates can also receive a minor in Military Science by applying through the Military Science Department.

Lieutenants in the Army lead soldiers, while managing equipment, vehicle fleets, and financial resources. New lieutenants are routinely put in charge of and lead groups of up to fifty soldiers immediately after college graduation.

Officer career specialties in the Army are as diverse as those found in the civilian sector. Some of the sixteen specialties students can request as an Army officer include: Engineering, Personnel Management, Nursing, Signal

Corps, Finance, Transportation, Medical Service Corps, Military Police, and Aviation. Except for the health professions, an officer's specialty in the Army does not have to be related to his or her academic degree in college.

New lieutenants who go into the Regular Army serve on active duty for three or four years, and may then transfer into the reserves. Lieutenants commissioned in the National Guard or Army Reserve can opt to serve their entire tour in the Reserves.

MINOR IN MILITARY SCIENCE

Admission into the Military Science Minor program is by permission of the Department Chairperson following a special interview concerning eligibility and entry requirements. Interested students should make arrangement for an interview as early as possible but not later than the second semester of their sophomore year.

- 35 hours required.
- Prerequisites (4 hours): MSC 111 and 112; or satisfactory completion of Army Reserve Officers' Training Corps (ROTC) Leadership Training Course (may be taken for credit as MSC 203); or proficiency as approved by the Military Science Department Chairperson.
- Required courses (12 hours): MSC 220, 221, 240, 241.
- History (3 hours): HIS 278 or 279.
- Written Communications (3 hours): ENG 145, 247 or 249.
- Human Behavior (3 hours): PSY 110 or 111 (4 hours); or SOC 106.
- Computer Literacy (3 hours): ITK 140, 150, or 155.
- Math Reasoning (3 hours): MAT 113, 120, or 121.
- Physical Education (4 hours): KNR 146.

Military Science Courses

101 INTRODUCTION TO LEADERSHIP: INDIVIDUAL EFFECTIVENESS

1 sem. hr.

Introduction to leadership from perspective of the member of an effective organization. Self-enhancement skills such as time management techniques, problem solving and decision-making processes, and health enrichment actions.

102 INTRODUCTION TO LEADERSHIP: TEAMWORK

1 sem. hr.

Basic leadership fundamentals, principles, and experiences. Relevant for all organizational leaders. Purpose is to examine how the individual organizational member and the team are affected by leaders and leadership decisions.

111 APPLIED LEADERSHIP II

2 sem. hrs.

Examines leadership within military organizations and structure. Introduces map reading fundamentals and application of land navigation principles using the lensatic compass and terrain association. Provides opportunities to exercise leadership skills to meet established goals and objectives within specific time constraints.

112 APPLIED LEADERSHIP**2 sem. hrs.**

Provides more in-depth and critical assessment of leadership within American society. Students are challenged to learn and apply leadership principles. Group research projects designed to research, examine, and analyze leaders and leadership within community context.

200 LEADERSHIP LABORATORY**0 sem. hr.**

Provides development by practical application of the student's leadership skills through progressive training, planning, execution, and assessment. Prerequisites: Concurrent registration in AROTC Basic or Advanced Courses.

203 ROTC LEADERSHIP TRAINING COURSE**6 sem. hrs.**

Provides instruction and practical application on basic military concepts of map reading, tactics, small group operations, weapons, and adventure training. Training is presented off campus at Fort Knox, Kentucky. Provides constructive credit for first two years of ROTC. CR/NC only. Prerequisite: Consent instructor.

220 ADVANCED LEADERSHIP AND TACTICS I**3 sem. hrs.**

Provides general knowledge and understanding of advanced leadership principles, small unit offensive operations, land navigation, and the operating systems. Prerequisite: Consent instructor.

221 ADVANCED LEADERSHIP AND TACTICS II**3 sem. hrs.**

Provides knowledge and understanding of advanced combat leadership techniques, small unit defensive operations, patrolling, and land navigation. Prerequisites: Registration in AROTC and MSC 220 or consent instructor.

240 ADVANCED APPLIED LEADERSHIP I**3 sem. hrs.**

Fundamental concepts of military justice; principles of court-martial and non-judicial punishment; staff principles and procedures in the Army organizational structure. Part I of a two-semester capstone experience prior to commissioning. Prerequisites: Registration in AROTC Advanced Course or consent instructor.

241 ADVANCED APPLIED LEADERSHIP II**3 sem. hrs.**

Introduction to professionalism and military professional responsibility. Provides students with a capstone experience in leadership studies before their transition to officership. Prerequisites: Registration in AROTC Advanced Course or consent instructor.

242 LEADERSHIP DEVELOPMENT ASSESSMENT**6 sem. hrs.**

Instruction and practical application in field training, demonstration of leadership capabilities, and leadership opportunities of problem analysis, decision making, and troop-leading. Training is presented off campus near Seattle, Washington. CR/NC only. Prerequisites: Registration in a ROTC Advanced Course.

TECHNOLOGY (TEC)**510****215 Turner Hall, (309) 438-3661****Web address: Tec.IllinoisState.edu****Chairperson:** Richard A. Boser.**Tenured/Tenure-track Faculty:**

Professors: Boser, Dan Brown, Custer, Gokhale, Meier, Stier, Wilson.

Associate Professors: Ryan Brown, Merrill, Reifschneider, Schmidt.

Assistant Professors: Josh Brown, Devine, Park, Shim.

General Department Information

The Department of Technology is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE). The department features programs focused on the creative, systematic application of knowledge utilizing human and natural resources involving tools, equipment, techniques, processes, procedures, scientific principles, and management skills to produce and distribute goods, services and information to cope with change or to control environmental conditions and their effect on society and culture.

Technology students are required to select one of the following technology programs: B.S. in Construction Management, B.S. in Graphic Communications, B.S. in Industrial Technology, B.S. in Renewable Energy, B.S. in Technology Education. Students selecting the B.S. in Industrial Technology are required to select one of the following sequences: Engineering Technology or Industrial Computer Systems.

HONORS IN TECHNOLOGY

The Department offers honors work in the different departmental programs to majors who have completed 60 semester hours with a cumulative 3.50 GPA. Students interested in the program should see the departmental advisor. Requirements for honors in the Technology Honors Program are available in the departmental office, 210 Turner Hall.

Technology Programs**MAJOR IN CONSTRUCTION MANAGEMENT**

Degree Offered: B.S.

Construction Management is an interdisciplinary curriculum that provides a background in construction means and methods, business administration, communication skills, architectural and engineering fundamentals, applied science, and mathematics. The goal of the major is to prepare construction professionals capable of managing projects to completion from construction documents prepared by design professionals. Course work emphasizes the allocation of labor, equipment, and material to construction projects in order to achieve completion at maximum efficiency of time and cost. The program focus is on produc-

tion and management capabilities. The Construction Management major is accredited by the American Council on Construction Education (ACCE). Graduates are prepared to assume leadership positions in residential, commercial and specialty construction. Initial employment may include field supervision, project management, estimating, and scheduling. Positions are also available in related areas such as code enforcement, construction financing, product sales, quality control, and safety management.

- 91 hours required.
- 20 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105; and 3 hours from one of the following: CHE 204; GEO 202, 207; or PHY 207.
- 52 hours in Construction Management core courses: TEC 100, 117, 120, 121, 123, 222, 223, 224, 226, 229, 270, 292.01, 313, 322, 325, 326, 327, 394, and HSC 272.
- 6 hours of elective courses from the following: TEC 111, 217, 225, 240, 328, 329, 398 (3 hours); GEO 370.
- 10 hours from the College of Business and Department of Economics including: ACC 131; ECO 105; and FIL 185.
- 3 hours of management electives from the following: HSC 385; MKT 230; TEC 320, 330, 370.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
- Acceptable substitutions for MAT 120 is MAT 144 or 145.
- Acceptable substitution for MQM 100 is ECO 138.
- Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.
- Acceptable substitution for TEC 270 is MQM 220.
- Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.

MAJOR IN GRAPHIC COMMUNICATIONS

Degree Offered: B.S.

Graphic Communications is a management-oriented technical curriculum related to the processes, products, services and opportunities within the diverse printing, media publishing and packaging industries. Students will learn about technology and management practices related to the production of graphic media in its many forms. Three unique concentrations within the graphic communications major may be pursued: (1) print media management, or (2) web media management, or (3) packaging graphics. The goal of the major is to prepare professionals to enter the field in positions such as project manager, production coordinator, structural designer, digital media manager, web media developer, web administrator, quality control manager, sales representative, cost estimator, and production associate.

- 78 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105.
- 37 hours in Graphic Communications core: TEC 100, 150, 151, 152, 243, 250, 253, 270, 313, 320, 330, 356; HSC 271 or 385.

- Students will select 18 hours of required courses from one of the following concentrations:

Print Media Management Concentration: TEC 257, 351, 352, 353, 354, and 358.

Web Media Management Concentration: TEC 245, 283, 319, 348, 358, and 383.

Packaging Graphics Concentration: TEC 116, 216, 257, 317, 350, and 352.

- An additional 6 hours of elective courses selected from the following: TEC 116, 245, 257, 283, 317, 319, 348, 350, 351, 352, 353, 354, 370, 383, 398 (3 hours); ACC 131; COM 160; ECO 105; FIL 185.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
- Acceptable substitutions for MAT 120 is MAT 144 or 145.
- Acceptable substitution for MQM 100 is ECO 138.
- Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.
- Acceptable substitution for TEC 270 is MQM 220.
- Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.

MAJOR IN INDUSTRIAL TECHNOLOGY

Degree Offered: B.S.

Engineering Technology Sequence:

Engineering Technology is an interdisciplinary curriculum that provides experiences in the following areas: Automation, Product Design, Process Control, Plastic Materials, Quality Management, or Technical Project Management. The goal of the sequence is to prepare professionals capable of managing projects and processes in government and private enterprise settings. Course work emphasizes the management of people, processes, and materials through hands-on activities. Initial employment opportunities include: project management, process control, production management, product design, quality control support, and technical sales.

- 75 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105.
- 13 hours in Industrial Technology core: TEC 100, 270, 313, 330; HSC 271.
- 33 hours of required sequence courses: TEC 111, 116, 130, 216, 233, 240, 263, 285, 292, 320, and 392.
- 12 hours minimum of sequence elective courses selected from the following: TEC 234, 244, 316, 345, 370 and 398 (3 hours only); ACC 131 and ECO 105. Students should see the department advisor for specific course recommendations.

Industrial Computer Systems Sequence:

Industrial Computer Systems is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal of the sequence is to prepare professionals for the management and supervision of technical computer systems in industrial settings. Course work emphasizes the use of computer systems to provide students with a diverse technical and professional background in communications, networking, interfacing, and electronic principles related to industrial computer systems.

- 78 hours required.
- 17 hours in General Education: MQM 100; PSY 110; CHE 102; MAT 120; PHY 105.
- 13 hours in Industrial Technology core: TEC 100, 270, 313, 330; HSC 385.
- 36 hours of required sequence courses: ITK 168; MAT 108; TEC 143, 151, 243, 244, 245, 283, 284, 319, 383, and 390.
- 12 hours of additional courses selected from the following: ITK 254; TEC 116, 117, 150, 216, 217, 240, 250, 263, 317, 320, 345, 348, 352, 370, 398 (3 hours).

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
- Acceptable substitutions for MAT 120 are MAT 144 or 145.
- Acceptable substitution for MQM 100 is ECO 138.
- Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.
- Acceptable substitution for TEC 270 is MQM 220.
- Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.

MINOR IN INDUSTRIAL TECHNOLOGY

- 21 hours required through advisement.
- 6 of the 21 hours required must be upper level coursework.
- No more than 9 hours from the major program of study may be applied to the minor.
- Courses must be chosen from the following list: TEC 111, 116, 117, 120, 121, 123, 130, 143, 150, 151, 152, 216, 217, 222, 223, 224, 225, 226, 229, 233, 234, 240, 243, 244, 245, 250, 253, 257, 263, 270, 283, 284, 285, 292, 313, 316, 317, 319, 320, 322, 325, 326, 327, 328, 329, 330, 345, 348, 350, 351, 352, 353, 354, 356, 358, 383, 390, 392, 394; and HSC 271 or 272 or 385.

MAJOR IN RENEWABLE ENERGY

Degree Offered: B.S.

The Major in Renewable Energy is administered by the Department of Technology. Students will be admitted to the program from a pool of applicants on the basis of individual qualifications on a competitive and selective basis. The number of students admitted to the major may vary from year to year depending on program capacity and qualifications of the applicants.

The Major in Renewable Energy prepares students for careers in renewable energy and related industries, including wind energy, solar power, and biofuels. The program provides the opportunity to specialize in technical aspects of the industry or in economics and public policy aspects of the industry.

Technical Sequence:

- 66 hours required.
- 51 hours in required core courses: AGR 225; ECO 105, 138*, 236, 239; GEO 211*; HSC 156*; MAT 120*; PHY 105*, 207*; PSY 110*; TEC 111, 160, 270, 320, 360.
- 15 hours in required courses for the Technical sequence: HSC 271 or 385; TEC 240, 263, 292, 345.

Economics and Public Policy Sequence:

- 66 hours required.
- 51 hours in required core courses: AGR 225; ECO 105, 138*, 236, 239; GEO 211*; HSC 156*; MAT 120*; PHY 105*, 207*; PSY 110*, TEC 111, 160, 270, 320, 360.
- 15 hours in required courses for the Economics and Public Policy sequence: AGR 203*; ECO 255, 335; GEO 205; POL 232.

*NOTE: AGR 203, ECO 138, GEO 211, HSC 156, MAT 120, PHY 105, PHY 207, and PSY 110 are General Education courses.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for ECO 138 is MQM 100.
- Acceptable substitutions for MAT 120 is MAT 121, 144 or 145.
- Acceptable substitutions for PHY 105 is PHY 108 or 110.
- Acceptable substitution for TEC 270 is MQM 220.

MAJOR IN TECHNOLOGY EDUCATION

Degree Offered: B.S.

Technology Education includes: (1) a study of the concepts practiced in modern technological systems of energy utilization, communication, production, and transportation, and engineering-related fields; (2) the development of cognitive, psychomotor, and affective skills in these four areas related to the use of tools, materials, processes, resources, techniques, scientific principles, work (skill and organization), and products as well as their impacts on society; and (3) the professional competencies of planning, executing and evaluating instruction.

The following requirements are part of the entitlement program leading to certification; Secondary 6-12. Initial employment opportunities include: Junior High/Middle School Technology Teacher (middle school endorsement also requires PSY 302 and C&I 233), High School Technology Teacher, Vocational/Trade School Teacher, School Dis-

strict Technology Coordinator, Community/Junior College Instructor, Industrial Trainer/Instructor. A cumulative and major GPA of 2.50 is required for student teaching and graduation. The Technology Education Program is accredited by the Illinois State Board of Education (ISBE) and NCATE/CTTE.

- 84 hours required.
- 4 hours General Education: PHY 105.
- 35 semester hours of required technical core courses: TEC 101, 111, 116, 120, 130, 150, 216, 243, 303, 304, 305, and MAT 108.
- 15 semester hours of additional Technology elective courses.
- 30 semester hours Professional Education courses that include: C&I 212, 214, 216; EAF 231 (EAF 228 or EAF 235 may also be used to meet this requirement); PSY 215; STT 399.33; TEC 307. Successful completion of 100 clinical hours required before student teaching.

If technology majors wish to be certified at the middle school, PSY 302 and C&I 233 are required.

MINOR IN TECHNOLOGY EDUCATION

- 28 semester hours of required technical core courses: TEC 111, 116 or 150, 120 or 130, 303, 304, 305, 307; MAT 108; and PHY 105.
- In order to teach, students completing a minor in technology education must complete a sequence of professional education coursework and student teaching in another teacher certification endorsement area.

The Technology Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education website (www.isbe.net) for specific certification requirements.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises

7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

DOUBLE MAJOR

Degree Offered: B.S.

NOTE: Only core courses and acceptable substitutions (CHE 102; HSC 271; TEC 100, 270, 313 and 330; MAT 120; MQM 100; PHY 105; PSY 110) may be used to meet the requirements for a double major in Technology.

NOTE: Students completing requirements for two majors concurrently are eligible to receive only one degree. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements.

Technology Courses

100 INTRODUCTION TO INDUSTRIAL TECHNOLOGY

1 sem. hr.

Study of Industrial Technology, programs in the department, and career opportunities in Technology Education and Industrial Technology. Lecture. Materials charge optional.

101 INTRODUCTION TO TEACHING TECHNOLOGY

3 sem. hrs.

Methodological insights and understanding for teaching technical subject matter; emphasis on observing programs, developing, conveying and evaluating technology-based curricula. Includes Clinical Experience. Lecture.

111 FUNDAMENTALS OF POWER TECHNOLOGY

3 sem. hrs.

Principles of electrical, electronic, mechanical, and fluid power components and systems as they apply to industrial applications. Lecture and lab. Prerequisites: Major/minor only or consent of department advisor.

116 INTRODUCTION TO TECHNICAL DRAWING AND CONSTRAINT-BASED SOLID MODELING

3 sem. hrs.

Introduction to technical drawing with emphasis on Computer Aided Design (CAD) constraint-based solid modeling, sketching, and basic blueprint reading. Lecture and lab. Materials charge optional. Formerly *TECHNICAL DRAWING*.

117 CONSTRUCTION GRAPHICS

3 sem. hrs.

Studies in graphical representation of architectural and construction ideas. Emphasis on sketching, spatial visualization, and computer-aided drafting methods. Lecture and lab. Materials charge optional. Not for credit if had TEC 110, 211. Prerequisites: Major/minor only or consent of instructor.

120 INTRODUCTION TO BUILDING CONSTRUCTION**3 sem. hrs.**

Introduction to the principles, practices, and materials used in residential and light-commercial construction. Lecture. Materials charge optional. Prerequisites: Major/minor only or consent department advisor.

121 CONSTRUCTION METHODS**2 sem. hrs.**

Applications of the principles, practices, and materials used in residential and light-commercial construction. Lecture and lab. Materials charge optional. Prerequisites: Major/minor only or consent department advisor.

123 CONSTRUCTION DOCUMENTS AND QUANTITY TAKEOFF**3 sem. hrs.**

Introduction to blueprint reading, construction specifications, and quantity takeoff procedures. Lecture and lab. Prerequisites: TEC 120 or concurrent registration. Major/minor only or consent department advisor.

130 INTRODUCTION TO MANUFACTURING PROCESSES**3 sem. hrs.**

Secondary material processes including industrial machinery usage and study in the areas of forming, casting, separating, joining, and conditioning. Lecture and lab. Materials charge optional.

143 INTRODUCTION TO ELECTRONICS FOR DATA COMMUNICATION**3 sem. hrs.**

Overview of the fundamentals, concepts, and theory of basic electronics essential to telecommunications systems. Lecture and lab. Materials charge optional. Prerequisites: MAT 108 and 120. Major/minor only or consent department advisor.

150 GRAPHIC COMMUNICATIONS TECHNOLOGY**3 sem. hrs.**

Introduction to the history, vocabulary, tools, materials, and process of the graphic communications industry. Lecture and lab. Formerly *FUNDAMENTALS OF PRINTING AND IMAGING TECHNOLOGIES*. Materials charge optional. Prerequisites: Major/minor only or consent department advisor.

151 INTRODUCTION TO INDUSTRIAL COMPUTER SYSTEMS**3 sem. hrs.**

Study and use of basic methods, materials, software and equipment used in industrial computer applications for imaging, graphics, and communications. Lecture and lab. Materials charge optional. Prerequisites: Major/minor only or consent department advisor.

152 DIGITAL MEDIA APPLICATIONS**3 sem. hrs.**

Study of technology used for digital media and communications. Lecture and lab. Prerequisites: Major/minor only or consent department advisor.

160 INTRODUCTION TO RENEWABLE ENERGY**3 sem. hrs.**

An exploration of the technologies of renewable energy, emphasizing physical principles and practical applications of wind, solar, and biomass. Lecture and lab. Materials charge optional.

175 LIVING IN A TECHNOLOGICAL WORLD**MC-IS****3 sem. hrs.**

Interdisciplinary course that analyzes social change through the lens of technology. Also offered as SOC 175. May not be taken under the CT/NC option. Lecture. Prerequisites: ENG 101 or COM 110 or concurrent registration.

216 CONSTRAINT-BASED SOLID MODELING AND PRODUCTION DRAWINGS**3 sem. hrs.**

Intermediate course focusing on constraint-based solid modeling, technical drawing practices, and blueprint/tolerance interpretation. Lecture and lab. Materials charge optional. Formerly *COMPUTER-AIDED DESIGN AND DRAFTING*. Prerequisite: TEC 116.

217 BUILDING INFORMATION MODELING**3 sem. hrs.**

Using building information modeling systems to design and document architectural and construction ideas. Emphasis on modeling, annotating, and document creation. Lecture and lab. Materials charge optional. Prerequisites: TEC 117. Major/minor only or consent of instructor.

222 MECHANICAL AND ELECTRICAL SYSTEMS FOR BUILDINGS**3 sem. hrs.**

Introduction to design, operation, and installation of heating, ventilation, air conditioning, plumbing, fire protection, and electrical systems. Lecture and lab. Materials charge optional. Prerequisites: TEC 120; MAT 120; and PHY 105. Major/minor only or consent department advisor.

223 SURVEYING AND BUILDING LAYOUT**3 sem. hrs.**

Principles and practices of surveying, building layout, and project control. Lecture and lab. Prerequisites: TEC 120; MAT 120. Major/minor only or consent department advisor.

224 SOILS AND FOUNDATIONS**3 sem. hrs.**

Principles and practices used in concrete and masonry structures and the affect of soil characteristics on foundation design and construction. Lecture and lab. Prerequisites: TEC 120, 121. Major/minor only or consent department advisor.

225 CONSTRUCTION EQUIPMENT MANAGEMENT**3 sem. hrs.**

Equipment productivity, selection, allocation, economics, and safety related to residential and commercial construction. Lecture. Prerequisites: TEC 120; TEC 121 or concurrent registration. Major/minor only or consent department advisor.

226 CONSTRUCTION CONTRACTS AND LAW**2 sem. hrs.**

Duties, rights, and liabilities of all parties to a construction contract. Lecture. Prerequisites: TEC 120. Major/minor only or consent department advisor.

229 COST ESTIMATING AND PROJECT PLANNING

3 sem. hrs.

Integrated approach to the fundamentals of construction cost estimating, project planning, and scheduling. Lecture and lab. Prerequisites: TEC 117 and 123; MAT 120. Major/minor only or consent of instructor.

233 CNC AND MACHINING

3 sem. hrs.

An introduction to metals machining processes with an emphasis on automation using Computer Numerical Control (CNC). Lecture and lab. Formerly *METALS MACHINING PROCESSES*. Materials charge optional. Prerequisites: TEC 111, 130; TEC 216 or concurrent registration. Major/minor only or consent department advisor.

234 ROBOTIC SYSTEMS INTEGRATION

3 sem. hrs.

An introduction to robotics including common applications, programming, safety, and integration principles. Lecture and lab. Formerly *COMPUTER CONTROLLED EQUIPMENT IN MANUFACTURING*. Materials charge optional. Prerequisites: TEC 116; TEC 111 or 143.

240 ELECTRIC CIRCUITS AND MACHINES

3 sem. hrs.

Electrical principles and applications including circuit diagrams, switches, relays, motors, and transformers. Lecture and lab. Materials charge optional. Prerequisites: TEC 111 or TEC 143 or concurrent registration. Major/minor only or consent department advisor.

243 COMPUTER NETWORKING SYSTEMS

3 sem. hrs.

Implementation of the principles of local area network architecture, including server and client hardware specifications and configurations. Lecture and lab. Materials charge optional. Prerequisites: Major/minor only or consent department advisor.

244 DIGITAL ELECTRONICS

3 sem. hrs.

Operation, characteristics, and applications of discrete and integrated solid state devices in selected digital circuits. Lecture and lab. Materials charge optional. Prerequisite: Demonstrated equivalent competencies.

245 FUNDAMENTALS OF OPERATING SYSTEMS IN INDUSTRIAL APPLICATIONS

3 sem. hrs.

The introduction of operating systems software to enhance productivity, control, and connectivity, using open source code and proprietary systems. Lecture and lab. Materials charge optional. Prerequisites: TEC 151 or concurrent registration. Major/minor only or consent department advisor.

250 GRAPHIC MEDIA COMPOSITION

3 sem. hrs.

Study of graphic media production technology to plan and create documents including advertisements, brochures, books, packages, and e-books. Lecture and lab. Formerly *ELECTRONIC IMAGING TECHNOLOGIES*. Materials charge optional. Prerequisites: TEC 150 or COM 240. Major/minor only or consent department advisor.

253 IMAGE CAPTURE AND EDITING

3 sem. hrs.

Digital photography, scanning, image editing software tools, PostScript output, halftones, tone reproduction, densitometry, and reproduction concerns. Lecture and lab. Formerly *PHOTOMECHANICAL AND DIGITAL IMAGING SYSTEMS*. Materials charge optional. Prerequisites: TEC 150. Major/minor only or consent department advisor.

257 PRINT MEDIA PRODUCTION

3 sem. hrs.

A study of printing production processes including lithography, flexography, screen printing, and digital printing production. Lecture and lab. Formerly *IMAGE TRANSFER TECHNOLOGIES*. Materials charge optional. Prerequisites: TEC 150. Major/minor only or consent department advisor.

263 AUTOMATED FLUID POWER SYSTEMS

3 sem. hrs.

Theory and operation of fluid power circuits and intermediate level PLC (Programmable Logic Controller) programming. Lecture and lab. Formerly *FLUID POWER MECHANICS*. Materials charge optional. Prerequisites: TEC 111 or 143. Major/minor only or consent department advisor.

270 MANAGING TECHNOLOGICAL SYSTEMS

3 sem. hrs.

Principles, practices and methods used to plan, organize, lead, and control technological systems. Lecture. Prerequisites: PSY 110 or concurrent registration. Major/minor only or consent department advisor, completion of 45 hours.

275 TECHNOLOGY AND QUALITY OF LIFE

OC-SMT

3 sem. hrs.

Future-oriented course that analyzes the interface of technology with social forces that cause social change and affect quality of life; includes technological assessment. Lecture. Prerequisites: Inner Core and MC-QR or MC-IS category.

283 INFORMATION AND IMAGING TECHNOLOGIES

3 sem. hrs.

Principles of information and imaging systems including databases, web design, and digital imaging. Lecture and lab. Prerequisites: C or better in TEC 151. Major/minor only or consent department advisor.

284 TECHNICAL COMPUTER APPLICATIONS

3 sem. hrs.

Application of computer hardware and software solutions to industrial production and control problems. Lecture and lab. Materials charge optional. Prerequisites: ITK 168 and TEC 283 or concurrent registration. Major/minor only or consent department advisor.

285 INDUSTRIAL PLASTICS

3 sem. hrs.

Resins, processing, fabrication, injection molding, extrusion, rotational molding, compression molding, thermoforming, fiberglass lay-up, identification and testing. Lecture and lab. Materials charge optional. Prerequisites: TEC 130 or concurrent registration. Major/minor only or consent department advisor.

292 MATERIALS TECHNOLOGY**3 sem. hrs.**

Introduction to engineering materials, strengths of materials, and standardized testing procedures for determining mechanical and physical properties. IMS students take 292, Manufacturing Materials and Practices; CM students take 292.01, Construction Materials and Related Practices. Lecture and lab. Materials charge optional. Prerequisites: MAT 120 or concurrent registration. Major/minor only or consent department advisor.

301 ADVANCED METHODS OF TEACHING TECHNOLOGY EDUCATION**3 sem. hrs.**

Conceptual foundations and methodologies for teaching a standards-based technology education program at the elementary, middle-level, or secondary school. Not for credit major/minor if had TEC 101. Lecture. Prerequisites: Technology Education major, graduate student, alternate certification, or provisionally certified teachers only.

302 CURRICULUM DEVELOPMENT, TECHNOLOGICAL DESIGN AND PROBLEM SOLVING**3 sem. hrs.**

Foundations and methodology concepts used to deliver and assess technology-based design and problem solving in the K-12 classroom/laboratory. Materials charge optional. Formerly *TEACHING TECHNOLOGICAL DESIGN AND PROBLEM SOLVING*. Prerequisites: Education major, graduate student, or practicing teachers only.

303 ENGINEERING DESIGN**3 sem. hrs.**

Foundational concepts of engineering design including history, technology, tools, computer applications, pedagogical, and professional issues. Lecture and lab. Materials charge optional. Prerequisites: TEC 216; MAT 108 and PHY 105 or concurrent registration.

304 MEDICAL, AGRICULTURAL, AND BIO-RELATED TECHNOLOGIES**3 sem. hrs.**

A study of technological systems related to medical, agricultural, and bio-related technologies. Lecture and lab. Prerequisites: TEC 101 or 301.

305 TEACHING TRANSPORTATION, ENERGY, AND POWER TECHNOLOGIES**3 sem. hrs.**

Instruction and practice developing, teaching, and assessing transportation, energy, and power technologies curricula using a standards-based approach. Lecture and lab. Formerly TEC 201 *TEACHING TRANSPORTATION TECHNOLOGY*. Prerequisites: TEC 101 or 301 or demonstrated equivalent competencies. TEC 111 and 116 or concurrent registration.

306 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS**3 sem. hrs.**

Coordination techniques needed for high school and post-secondary teacher-coordinators in integrating classroom activities with daily employment. Also offered as BTE/FCS 382. Includes Clinical Experience.

307 COMPETENCIES FOR TEACHING**4 sem. hrs.**

Curriculum planning, teaching, and evaluation strategies, and professionalism for Technology Education teachers. Includes Clinical Experience. Lecture. Formerly TEC 203. Prerequisites: TEC 305 and C&I 216 or concurrent registration. Concurrent registration in Student Teaching or within one semester.

313 QUALITY SYSTEMS FOR TECHNOLOGY**3 sem. hrs.**

A managed quality system using statistical tools; control charts, paretos, histograms, scattergrams, flowcharts and problem-solving techniques for continuous improvement. Lecture. Prerequisites: MQM 100; MAT 120; 8 hours in a TEC sequence. Major/minor only or consent department advisor.

316 COMPUTER-AIDED PRODUCT DESIGN**3 sem. hrs.**

Development of advanced skill in the use of parametric and associative design methods through product design and prototype development projects. Lecture and lab. Materials charge optional. Not for credit if had TEC 315 or TEC 318. Prerequisite: TEC 216.

317 COMPUTER-AIDED RENDERING AND ANIMATION**3 sem. hrs.**

Using computer systems to create renderings and animated presentations of design ideas in an industrial or architectural setting. Lecture and lab. Prerequisites: TEC 116 or 217. Major/minor only or consent instructor.

319 COMPUTER GRAPHICS**3 sem. hrs.**

Combination of graphic techniques and computer programming as means of industrial communication applied to solution and interpretation of technological problems. Lecture and lab. Prerequisites: C or better in TEC 283. Major/minor only or consent department advisor.

320 PROJECT MANAGEMENT**3 sem. hrs.**

Fundamentals of project management emphasizing planning techniques to meet stakeholder expectations regarding project scope, time, cost, and quality. Lecture. Prerequisites: TEC 270 and completion of 60 hours.

322 BUILDING CODES AND INSPECTION**2 sem. hrs.**

Analysis of model building codes and their application and administration for minimum standards of public safety and welfare. Lecture. Prerequisites: TEC 120. Major/minor only or consent department advisor. Junior standing.

325 COMPUTERIZED ESTIMATING AND SCHEDULING**3 sem. hrs.**

Integrated approach to computerized estimating and scheduling as methods of project control. Lecture and lab. Prerequisites: TEC 222, 224, and 229. Major/minor only or consent department advisor.

**326 CONSTRUCTION FINANCE
AND ACCOUNTING****3 sem. hrs.**

Practical application of financial and accounting fundamentals specific to the construction industry. Lecture and lab. Prerequisites: ACC 131, ECO 105; and MAT 120. Major/minor only or consent department advisor.

327 DESIGN OF BUILDING STRUCTURES**3 sem. hrs.**

Analysis and design of permanent and temporary structural systems for wood, steel, and concrete construction. Lecture. Prerequisites: TEC 292; MAT 120; and PHY 105. Major/minor only or consent department advisor.

328 RESIDENTIAL DEVELOPMENT**3 sem. hrs.**

Principles and practices of residential development including land acquisition and improvement, regulations, construction, and sales. Lecture. Prerequisites: ECO 105; TEC 229 and Junior standing. Major/minor only or consent department advisor.

**329 SUSTAINABLE BUILDINGS AND
URBAN DEVELOPMENT****3 sem. hrs.**

Principles and practices of sustainable development in urban environments including building, transportation, and neighborhoods. Lecture. Prerequisites: TEC 120 or 211 and Junior standing. Major/minor only or consent department advisor.

**330 APPLIED ECONOMIC ANALYSIS
FOR TECHNOLOGISTS****3 sem. hrs.**

Applied economic techniques used to determine the relative worth of alternative systems, products, and services. Lecture and lab. Prerequisites: MAT 120 and six credit hours of 200-level TEC coursework. Major/minor only or consent department advisor.

345 PROCESS CONTROL NETWORKS**3 sem. hrs.**

Programmable Logic Controller (PLC) programming within process control networks connecting machines, devices, sensors, and computers. Lecture and lab. Formerly *INDUSTRIAL PROCESSOR CONTROL*. Materials charge optional. Prerequisites: TEC 240 and 263 or demonstrated equivalent competencies.

**348 SELECTED TOPICS IN INDUSTRIAL
COMPUTER SYSTEMS****3 sem. hrs.**

Study of advanced topics in computer technology, with laboratory experiences that apply current knowledge and skills. Lecture and lab. May repeat if content differs; maximum 6 hours. Materials charge optional. Prerequisites: TEC 245 and completion of 75 hours or consent instructor. Major/minor only or consent department advisor.

349 TECHNICAL WRITING II**3 sem. hrs.**

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Lecture. Also offered as ENG 349. Materials charge optional. Prerequisites: ENG 249 or graduate standing.

350 PACKAGE DESIGN AND PRODUCTION**3 sem. hrs.**

Study of design, materials, and production processes used in the manufacture of packages and displays. Lecture, lab and field trips. Formerly *FLEXOGRAPHY*. Materials charge optional. Prerequisites: TEC 257. Major/minor only or consent of department advisor.

351 ADVANCED IMAGE TRANSFER SYSTEMS**3 sem. hrs.**

Advanced study of the printing processes, materials, and converting processes used in the production of high volume print products. Lecture and field trips. Prerequisites: TEC 257. Major/minor only or consent department advisor.

352 ADVANCED PRE-PRESS TECHNOLOGY**3 sem. hrs.**

Utilization of advanced pre-press methods and technologies in the creation and management of print media. Lecture, labs and field trips. Formerly *ADVANCED PREPRESS TECHNIQUES*. Materials charge optional. Prerequisites: TEC 250. Major/minor only or consent department advisor.

353 COLOR MANAGEMENT**3 sem. hrs.**

Study of color theory and measurement, device calibration and profiling, color reproduction variables, color proofing, and color management workflow. Lecture, labs and field trips. Formerly *COLOR REPRODUCTION TECHNIQUES*. Materials charge optional. Prerequisites: TEC 253. Major/minor only or consent department advisor.

**354 PRINT PRODUCTION PLANNING AND
PROFITABILITY****3 sem. hrs.**

Printing production workflow analysis, cost estimating, scheduling, job costing, and profitability. Use of computer-assisted management software. Lecture. Formerly *MANAGING PRINTING AND IMAGING TECHNOLOGIES*. Prerequisites: TEC 257. Major/minor only or consent department advisor.

**356 GRAPHIC COMMUNICATIONS
BUSINESS PRACTICES****3 sem. hrs.**

Current management trends in the profession, with specific emphasis on production management and legal issues for graphic communications businesses. Lecture, labs and field trips. Formerly *MANAGING PRODUCTION IN PRINTING/IMAGING TECHNOLOGIES*. Prerequisites: TEC 257. Major/minor only or consent department advisor.

358 DIGITAL MEDIA MANAGEMENT**3 sem. hrs.**

Study of web publishing, digital asset management, variable data printing, and networking issues for graphic communications businesses. Lecture, labs and field trips. Materials charge optional. Prerequisites: TEC 319 or 354. Major/minor only or consent department advisor.

360 RENEWABLE ENERGY CAPSTONE**3 sem. hrs.**

A synthesis of the skills and knowledge acquired in the RE major coursework with final project in economic/technology track. Prerequisites: TEC 345 or ECO 335 or concurrent registration and 45 hours in major. Major/minor only or consent department advisor.

370 SUPPLY CHAIN LOGISTICS**3 sem. hrs.**

Supply chain networks for technology-based companies. Activities associated with transforming goods from raw materials through delivery to end user. Lecture. Prerequisites: TEC 270 or concurrent registration. Major/minor only or consent department advisor. Completion of 60 hours or graduate standing.

383 TELECOMMUNICATIONS TECHNOLOGY**3 sem. hrs.**

Interfacing computers locally and through telecommunications networks. Identification of existing standards and hardware and evaluation of specific needs. Lecture and lab. Materials charge optional. Prerequisites: TEC 243 or ITK 254. Major/minor only or consent department advisor.

390 INDUSTRIAL COMPUTER APPLICATIONS**3 sem. hrs.**

Development of managers and supervisors with technical and professional background in communications, networking, and interfacing, related to computer systems. Lecture and lab. Materials charge optional. Prerequisites: TEC 270 and PHY 105; 9 senior hours of technical courses in Industrial Computer Systems Sequence. Major/minor only or consent department advisor.

392 MANUFACTURING ORGANIZATION AND MANAGEMENT**3 sem. hrs.**

The study of industrial production systems including product, manufacturing, and plant engineering through the managing of a production project. Lecture and lab. Materials charge optional. Prerequisites: TEC 270 and 9 senior hours of technical coursework in the Integrated Manufacturing Systems Sequence and senior standing or consent instructor. Major/minor only or consent department advisor.

394 CONSTRUCTION MANAGEMENT AND ADMINISTRATION**3 sem. hrs.**

Principles, practices, and standard documentation utilized in construction project management and administration. Lecture and lab. Prerequisites: TEC 226; 325 or concurrent registration; TEC 398 or 800 hours documented construction experience. Major/minor only or consent department advisor.

398 PROFESSIONAL PRACTICE: DEPARTMENT OF TECHNOLOGY**1-8 sem. hrs.**

Planned and supervised management-oriented work-study experiences in businesses, industries, and governmental agencies. Forty hours of work per credit hour. Internship and Coop options listed separately below. CR/NC only. No more than 3 hours may apply toward major. May be repeated: maximum 16 hours applicable for graduation. Prerequisites: Major only. ISU overall and major GPA of 2.50 and consent of department Professional Practice Coordinator. Evidence of health insurance required. Please see student manual for additional information and application procedures.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN TECHNOLOGY**1-8 sem. hrs.**

Eight-week full-time/320 hours part-time minimum work term duration. CR/NC only. Prerequisites: Must have completed at least 30 hours of college course work. Completion of 12 hours coursework at ISU. TEC 100-level required courses and three hours of 200/300-level courses in your TEC sequence.

398.52 PROFESSIONAL PRACTICE: COOP IN TECHNOLOGY**1-8 sem. hrs.**

Eight-week full-time/320 hours part-time minimum work term duration; 3 work terms minimum. CR/NC only. Prerequisites: TEC 100-level required courses.

COLLEGE OF ARTS AND SCIENCES

Interim Dean: James E. Payne 141 Stevenson Hall.

Web address: www.CAS.ilstu.edu

The College of Arts and Sciences provides the opportunity for a liberal education in addition to the attainment of career-oriented skills. The College includes the Departments of Chemistry; Communication Sciences and Disorders; Economics; English; Geography-Geology; History, Languages, Literatures, and Cultures; Mathematics; Philosophy; Physics; Politics and Government; Psychology; Sociology-Anthropology; and the Schools of Biological Sciences; Communication; and Social Work; as well as the program in Women's and Gender Studies. The College offers the core of the General Education Program required of all undergraduates, a wide range of academic major and minor programs for meeting baccalaureate degree requirements, master's programs in most disciplines and doctoral programs in Audiology, Biological Sciences, English Studies, Mathematics, and Psychology. Course offerings span the humanities, social and behavioral sciences, natural sciences, and mathematics.

Foreign Language Requirement:

All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have successfully completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may also be used to fulfill this requirement by transfer credit or by proficiency.

ENGLISH LANGUAGE INSTITUTE

Under the auspices of the College of Arts and Sciences, the English Language Institute (ELI) provides a special non-degree intensive program (20 hours per week) in English as a Second Language for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a satisfactory TOEFL score can be admitted to a degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University.

For further information, contact the English Language Institute, Campus Box 6123; Fax: (309) 438-3031; Phone: (309) 438-2072; Email: ELI@IllinoisState.edu; Website: www.ELI.ilstu.edu.

ARTS AND SCIENCES PROGRAMS

The College of Arts and Sciences participates in the Major in Interdisciplinary Studies and the minors in African-American Studies; African Studies; Children's Studies; Cognitive Science; Civic Engagement and Responsibility; Ethnic Studies; International Studies; Latin American, Caribbean, and Latino/a Studies; Middle Eastern and South Asian Studies; Native American Studies; Peace and Conflict Resolution Studies; and Women's and Gender Studies. For further information, please consult the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog*.

Women's and Gender Studies Program (WGS) 426

Rachel Cooper 237, Campus Box 4260, (309) 438-2947

Web address: WomenAndGenderStudies.ilstu.edu

Director: Alison Bailey
237 Rachel Cooper, Campus Box 4260
(309) 438-2947

The minor in Women's and Gender Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's and Gender Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gendered implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications for scholarship, the workplace, personal growth and relationships.

- 21 hours required.
- Required courses: WGS 120; ENG 160; HIS 261 or 262; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; COM 128 or ENG 128 or LAN 128; ECO 230; ENG 206 or LAN 206; ENG 260, 261, 360; FCS 112 or HIS 112 or SOC 112; FCS 222, 233, 327; HIS 261 or HIS 262 if not chosen to fulfill requirement, HIS 264, 330; IDS 121.39; PHI 202; POL 225, 337, 338; PSY 123 or SOC 123; PSY 305; SOC 264, 265, 341, 342, 366; WGS 390, 391, 392, 398.

NOTE: This program must be planned in consultation with the Women's and Gender Studies director or advisor. With their approval courses other than those listed above may be counted toward the minor.

BIOLOGICAL SCIENCES (BSC) 412

210 Julian Hall, (309) 438-3669

Web address: www.Bio.IllinoisState.edu

Chairperson: Craig Gatto.

Tenured/Tenure-track Faculty:

Distinguished Professors: Jayaswal, Juliano, Wilkinson.

Professors: Armstrong, Cheung, Garriss, Katz, Preston, Sakaluk, Whitman.

Associate Professors: Bowden, Byers, Capparella, Cook, Edwards, Gatto, Loew, Moore, Nichols, Perry, Rubin, Sedbrook, Vogel.

Assistant Professors: Casto, Kirik, Larson.

General School Information

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

ASSOCIATED MINORS

The School of Biological Sciences offers course work that contributes to the interdisciplinary Minor in Cognitive Science. For further information on this minor and advisor, consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN BIOLOGICAL SCIENCES

In order to graduate with honors in Biological Sciences, a student must complete: (1) all regular requirements for the Biological Sciences Major; (2) 1 semester biochemistry; (3) Mathematics through 2 semesters of calculus; (4) 12 hours of Biological Sciences on a tutorial basis (i.e., in-course honors) with a grade of A or B in each; (5) 3 hours of BSC 299; (6) 1 hour BSC 303; and (7) have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Biological Sciences courses.

Biological Sciences Programs

Degrees Offered: B.S.

MAJOR IN BIOLOGICAL SCIENCES

- 37 hours in Biological Sciences required.
- Required core courses (* denotes laboratory courses): BSC 196*, 197*, 204, 219, and 297.
- Additional core courses required: Choose two of the following: BSC 201*, 203, 212*, 260*, or 283*.

- Students must complete six BSC courses with laboratories (*).
- Students must receive a C or better in BSC required core courses.
- Students must pass one BSC course of at least 3 credit hours at the 300-level. BSC 398 does not fulfill this requirement.
- Required non-core courses: CHE 220 or 230 and 231; PHY 105, 108 or 110; MAT 120 and 121 or MAT 145 and 146. NOTE: Either ECO 138, GEO 138, POL 138, or PSY 138 may substitute for MAT 146.
- BSC 202, 307, and Biological Science courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Science courses must be completed at Illinois State University.

Organismal Biology and Public Outreach Sequence:

Majors selecting this sequence seek broad organismal expertise and experience in public outreach for science education. This sequence is designed for students seeking educational jobs and careers in arboreta, botanical gardens, environmental and nature centers, museums, and zoos. The minimum requirements for this sequence are:

- 39 total hours in Biological Sciences required.
- Required core courses: BSC 196*, 197*, 201*, 203, 219, and 297.
- Additional core courses required: Choose one of the following: BSC 203, 212*, 260* or 283*.
- 14 hours minimum in organismal courses required, at least two of which must be laboratory courses (*): BSC 211*, 212*, 223*, 283*, 286*, 290, 292*, 294, 295*, 296, 301*, 311*, 325, 330*, 333*, 335/336*, 337*, 375/376, 378/379*, 396*.
- Obtain a minimum of 120 hours of direct experience in public outreach (2 credit hours of Professional Practice, BSC 398).
- Students must complete six BSC courses with laboratories (*).
- Students must receive a C or better in BSC core courses (196, 197, 201, 203, 219, 297, and chosen option).
- Students must pass one BSC course of at least 3 credit hours at the 300-level. BSC 398 does not fulfill this requirement.
- Required non-core courses: CHE 220 or 230 and 231; PHY 105, 108, or 110; MAT 120 and 121, or MAT 145 and 146. NOTE: Either ECO 138, GEO 138, POL 138, or PSY 138 may substitute for MAT 146.
- BSC 202, 307, and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

Teacher Certification Sequence:

Students pursuing a Biological Sciences major may be certified to teach high school science.

Before being admitted to the University Professional Studies program (see University-Wide Teacher Education program requirements in this *Undergraduate Catalog*), the

Biological Sciences major must meet departmental requirements for admission. Students should see the departmental Teacher Education advisor for information.

Consult the Teacher Education advisor for updated requirements.

- 40 hours in Biological Sciences required.
- Required core courses (*denotes laboratory courses): BSC 161, 196*, 197*, 201*, 203, 219, 231*, 297, 302 and 307.
- 13 hours of electives are required, including two courses with laboratories.
- Students must receive a C or better in required BSC core courses.
- Required non-core courses: CHE 140, 141 and either CHE 220 or CHE 230/231; GEO 102 or 202; PHY 105 or 108; MAT 120 or 145; ECO 138, or GEO 138, or POL 138 or PSY 138.
- BSC 202 and Biological Science courses below 182 may not be used in the major.
- A minimum of 12 hours in Biological Science courses must be completed at Illinois State University.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN BIOLOGICAL SCIENCES

Biological Sciences Sequence:

- 24 hours in Biological Sciences required.
- Required courses: BSC 196 and 197.
- At least 12 of the elective hours must be 200- or 300-level courses. **NOTE:** BSC 101 and 307 may not be used as electives in the minor.

MINOR IN BIOLOGICAL SCIENCES

For Teacher Education:

- 24 hours in Biological Sciences required including at least 8 hours of Botany with lab and 8 hours of Zoology with lab.
- Required courses: BSC 196, 197 and 307 (2 or 3 hours, depending on major).
- Electives: at least 4 hours of botany with lab and 4 hours of zoology with lab. At least 8 hours must be 200- or 300-level courses.

NOTE: In order to be certified to teach biological sciences in the State of Illinois, candidates must also take 8 hours of chemistry and/or physics.

The Biological Sciences Minor for Teacher Education does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

This Biochemistry/Molecular Biology Program (BMB) is cross-listed by the Department of Chemistry and the School of Biological Sciences.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: (1) participation in the University Honors Program, (2) a cumulative grade point of 3.30, as well as a 3.50 average in Biochemistry/Molecular Biology courses, and (3) the courses: MAT 147, PHY 110 and 111, and CHE/BSC 299.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

General Sequence:

- 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360 or 370, 361; BSC 196, 197, 203, 219, 220, 350; BSC/CHE 310.
- 1 year of calculus (MAT 145 and MAT 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed prior to enrolling in CHE 360, 370 or CHE 361.
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.

Biochemistry Sequence:

- 34 hours required in Chemistry, 17 hours in Biological Sciences, and 1 hour in Biochemistry/Molecular Biology seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360 or 370, 361; BSC 196, 197, 203, 219; CHE/BSC 310.
- 1 year of Calculus (MAT 145 and MAT 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed prior to enrolling in CHE 370 or CHE 361.
- The following courses are in the General Education Program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- 3 hours of elective credit in BSC at the 200-level or greater.

Molecular Biology Sequence:

- 25 hours required in Chemistry, 23 hours in Biological Sciences, and 1 hour in Biochemistry/Molecular Biology seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 342, 344; BSC 196, 197, 203, 219, 220, 260, 350; CHE/BSC 310.
- 1 year of Calculus (MAT 145 and 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed.
- The following courses are in the General Education Program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- 6 hours of elective credit in BSC or CHE courses at the 300-level.

Biochemistry/Molecular Biology Course**310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR****1 sem. hr.**

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology. Also offered as CHE 310. Prerequisites: BSC 197, BSC 203 or 219; CHE 215, CHE 342.

Biological Sciences Courses**101 FUNDAMENTAL CONCEPTS IN BIOLOGY****3 sem. hrs.****IC-NS**

Learning and applying biological concepts in the areas of health, medicine, environment, and ethics. Not for credit major/minor. May not be taken under the CT/NC option. Lecture, recitation, and lab. Materials charge optional.

145 HUMAN BIOLOGY**3 sem. hrs.****OC-SMT**

Study of human biology in context of science, technology, and culture, emphasizing technological advances in medicine, disease prevention, and public health. Not for credit major. Prerequisite: Inner Core.

160 MICROBIOLOGY AND SOCIETY OC-SMT**4 sem. hrs.**

Introduction to microorganisms, their diversity, and their impact on society as agents of disease, in the environment, and in useful applications. Lecture and lab. Not for credit major. Not for credit if had BSC 260. Materials charge optional. Prerequisite: Inner Core.

161 INTRODUCTION TO TEACHING SCIENCE SEMINAR**2 sem. hrs.**

Introduction to the nature of scientific inquiry, and research-based skills in science teaching and learning. Also offered as CHE 161. Prerequisites: Completion of one semester college science. Teacher Education major only.

170 GENETICS AND SOCIETY OC-SMT**3 sem. hrs.**

Overview of human heredity in context of biology, society, and culture; impact on treatment of diseases, reproductive technology, agriculture, aging/longevity, and forensics. Not for credit major. Prerequisite: Inner Core.

181 HUMAN PHYSIOLOGY AND ANATOMY I**4 sem. hrs.**

Fundamentals of anatomy and physiology for students in Special Education, Health Education, Nursing, and Psychology. Lecture and lab. Not for credit major. Materials charge optional.

182 HUMAN PHYSIOLOGY AND ANATOMY II**4 sem. hrs.**

Fundamentals of anatomy and physiology for students in nursing and other health related professions. Lecture and lab. Materials charge optional. Not for credit major. Not for credit if had BSC 183. Prerequisite: BSC 181.

196 BIOLOGICAL DIVERSITY IC-NSA**4 sem. hrs.**

Introduction to structure and function of the major groups of microorganisms, plants, and animals, emphasizing evolutionary relationships among the major groups. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

197 MOLECULAR AND CELLULAR BASIS OF LIFE**4 sem. hrs.****IC-NSA**

Introduction to molecules, processes, and cellular organization of living organisms. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

201 ECOLOGY**4 sem. hrs.**

Interactions between organisms and their environment at the individual, population, community, and ecosystem levels of organization. Lecture, lab, and field trips. Materials charge optional. Prerequisites: BSC 196 and 197.

202 HUMAN ECOLOGY**3 sem. hrs.****OC-SMT**

Ecological principles underlying biosphere functions, human influence on the biosphere, application of ecological principles to solving and avoiding environmental problems. Lecture. Not for credit major. Prerequisites: Inner Core and MC-QR category.

203 CELL BIOLOGY**3 sem. hrs.**

Structure and function of cells with emphasis on protein structure-function, cell morphology, and cellular signaling. Prerequisites: BSC 196, 197; CHE 110 and 112 or 141.

204 BIOLOGICAL INVESTIGATIONS**1 sem. hr.**

Introduction to how research is conducted, including designing experiments, biological literature, data analysis, communication of results, and impacts on society. Prerequisites: BSC 196 and 197.

211 ECONOMIC BOTANY**4 sem. hrs.**

Diversity, origins, and history of plant uses, concentrating on economically important plants of the world. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 or AGR 150, and BSC 197.

212 PRINCIPLES OF BOTANY**4 sem. hrs.**

An integrative approach to understanding plants, including their physiology, structure, development, genetics, evolution and ecology. Lecture, lab and field trips. Materials charge optional. Prerequisites: BSC 196 and 197.

219 GENETICS**3 sem. hrs.**

Mechanisms of heredity and genetic variation, including gene structure and function, transmission genetics, mutation, and genetic analysis. Prerequisites: BSC 196 and 197.

220 LABORATORY IN MOLECULAR GENETICS AND CELL BIOLOGY**2 sem. hrs.**

Use of current molecular biology techniques to investigate fundamental principles of heredity and cell biology. Lecture and lab. Materials charge optional. Prerequisites: BSC 203, BSC 219 or HSC 260 or concurrent registration.

223 ECOLOGY AND IDENTIFICATION OF PLANTS**4 sem. hrs.**

Ecology, phylogeny, and taxonomy of vascular plants. Lecture and lab. Prerequisites: BSC 196 and 197.

231 LABORATORY METHODS IN TEACHING SCIENCE**1 sem. hr.**

Introduction to laboratory-based teaching skills in science, intended to prepare students for inquiry-based high school teaching activities. Prerequisites: BSC or CHE 161. Teacher Education Major only.

260 MICROBIOLOGY**4 sem. hrs.**

Uniqueness, diversity, ecology, molecular biology, and practical applications of microorganisms. Lecture and lab. Materials charge optional. Prerequisites: Organic chemistry or concurrent registration and BSC 196 and 197

283 ANIMAL PHYSIOLOGY**4 sem. hrs.**

The physical and chemical basis of system physiology with reference to invertebrates and vertebrates. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 and 197; BSC 203.

286 ANIMAL BEHAVIOR**4 sem. hrs.**

Adaptive significance of behavior and the proximate mechanisms underlying its expression. Emphasis is placed on an understanding of animal behavior within an evolutionary context. Lecture, lab and field trips. Offered every third semester. Prerequisites: BSC 196 and 197; BSC 201 or concurrent registration.

290 RESEARCH IN BIOLOGICAL SCIENCES**1-3 sem. hrs.**

Field and/or laboratory research in one of the biological sciences involving a participation in the scientific process with faculty and graduate students. Students are expected to work (on average) a minimum of 3 hours per week for each hour of credit. May be repeated; maximum of 4 hours from BSC 287, 298.01, 290, 299, or 398 may be counted toward major requirements. Prerequisites: Project proposals must be approved by a supervising faculty member and undergraduate advisor prior to registration.

292 INVERTEBRATE ZOOLOGY**4 sem. hrs.**

Diversity, phylogeny, comparative anatomy and physiology of invertebrate animals. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 and 197.

293 INTRODUCTION TO UNDERGRADUATE RESEARCH**2 sem. hrs.**

Preparation for research in the biological sciences. Prerequisites: Completion of two of the following: BSC 201, 203, 219; minimum 3.00 GPA; and consent of coordinator.

294 EVOLUTION AND PHYSIOLOGY OF FISHES**3 sem. hrs.**

The course will focus on the biology of non-tetrapod aquatic vertebrates and their adaptations to exploit various aquatic niches. Prerequisite: BSC 203 or consent instructor.

295 COMPARATIVE VERTEBRATE ANATOMY**4 sem. hrs.**

Evolution and comparative anatomy of vertebrates. Lecture, lab, and field trip. Materials charge optional. Prerequisites: BSC 196 and 197.

296 MAMMALIAN BIOLOGY**3 sem. hrs.**

Introduction to origins, evolution, structure-function complexes, adaptive radiation, ecology, reproductive strategies, behavior and conservation biology of mammals. Lecture. Prerequisites: BSC 196 and 197; BSC 201 or concurrent registration.

297 BIOLOGICAL EVOLUTION**2 sem. hrs.**

Origin of life, molecular evolution, mechanisms of evolutionary change, natural selection, speciation, and contemporary issues in evolutionary biology. Not for credit if had BSC 390. Prerequisites: BSC 201, 203, 219.

298.01 PROFESSIONAL PRACTICE: CAREERS FOR HEALTH PREPROFESSIONALS**1 sem. hr.**

Information and experience on careers in medicine, dentistry, osteopathy, podiatry, optometry, pharmacy, and veterinary medicine. Classroom and off-campus experience. Maximum 4 hours from BSC 287, 290, 298.01, 299, and 398 may count toward major requirements. CR/NC only. Prerequisites: Consent pre-med advisor.

**298.02 PROFESSIONAL PRACTICE:
MENTORSHIP IN THE
HEALTHCARE PROFESSIONS**
1 sem. hr.

Work in a mentorship environment with practicing professionals in specific areas of healthcare, including medicine, dentistry, optometry, and veterinary medicine. CR/NC only. Maximum 4 hours from BSC 287, 290, 298.01, 299, and 398 may count toward major requirements. Prerequisites: BSC 298.01; BSC 203 and 219 with B or better; a minimum 3.30 GPA and consent pre-med advisor.

301 ENTOMOLOGY
4 sem. hrs.

Biology and taxonomy of insects. Lecture, lab, and field trips. Materials charge optional. Prerequisites: BSC 196, 197, and 201.

302 STUDENT TEACHING SEMINAR
1 sem. hr.

Student teachers reflect on their teaching through on-line and web-based assignments as well as development of their professional portfolios. Formerly BSC 389.33. Prerequisite: Concurrent registration STT 399.03.

303 SENIOR THESIS
1 sem. hr.

Preparation of a thesis based upon original research in the biological sciences. Prerequisites: BSC 201, 203, 219, 220, 293, and minimum 3 credit hours of BSC 290 or 299; a minimum 3.00 GPA and consent of Undergraduate Research Coordinator and faculty thesis advisor.

304 SENIOR SEMINAR IN BIOLOGY
1 sem. hr.

Oral and written reports on current topics in biology. Prerequisites: 2 of the following: BSC 201, 203, or 219.

306 REGIONAL AND AREA STUDIES
1-9 sem. hrs.

Intensive on-site studies of organisms and their environments. Field work required. Prerequisite: Consent instructor.

**307 METHODS IN THE TEACHING
OF BIOLOGY**
2-3 sem. hrs.

Strategies, curricula, and materials applicable to teaching secondary school science. Includes Clinical Experiences: 40 hours, Type 1-6. BSC Education major must register for 3 hours; BSC Education Minor, 2 or 3 hours, depending upon major. Prerequisites: C&I 216 or equivalent. Admission to Professional Studies.

**310 BIOCHEMISTRY/MOLECULAR
BIOLOGY SEMINAR**
1 sem. hr.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology. Also offered as CHE 310. Prerequisites: BSC 197, BSC 203 or 219; CHE 215, 342.

311 RAIN FOREST ECOLOGY
3 sem. hrs.

Introduction to the natural history and ecology of rain forests; intensive tropical field work and investigative learning. Foreign travel and field work required. Formerly BSC 306.08 *REGIONAL AND AREA STUDIES: COSTA RICAN RAIN FOREST*. Prerequisites: BSC 201 and consent instructor.

**325 ECOLOGICAL PHYSIOLOGY
OF ANIMALS**
3 sem. hrs.

Exploration of the physiological adaptations animals have evolved in response to habitat variation. Formerly 389.34. Prerequisites: BSC 201 and 203.

329 HUMAN GENETICS
3 sem. hrs.

Detection, expression, transmission, and molecular manipulation of human traits; emphasis on medical genetics. Prerequisites: BSC 203 and 219.

330 PHYCOLOGY
4 sem. hrs.

Origin, evolution, diversity, systematics, cell biology, biochemistry, physiology, and ecology of terrestrial, freshwater, and marine algae. Lecture and lab. Formerly 389.29. Prerequisites: BSC 201 or 203 or 219.

333 PLANT DIVERSITY
4 sem. hrs.

History and diversity of plants and other green organisms covering major events, groups of organisms, and their phylogenetic relationships. Lecture and lab. Formerly BSC 222. Prerequisites: BSC 201 and one 200 level botany course or graduate standing.

335 PLANT TAXONOMY
3 sem. hrs.

Classification of flowering plants; taxonomic characters and data, patterns of diversity, and methods of classification; distinguishing characteristics and names of major taxa, botanical nomenclature, and taxonomic reference tools. Prerequisites: BSC 222 or 223; 1 of following: BSC 201, 203, 219; concurrent registration in BSC 336.

**336 LABORATORY IN
PLANT IDENTIFICATION**
1 sem. hr.

Plant identification; identification tools and methods; descriptive morphology and terminology; field identification of flowering plants and major plant families; specimen collection, documentation, and curation. Prerequisites: Concurrent registration in BSC 335.

337 RESTORATION ECOLOGY
4 sem. hrs.

Basic principles of ecological restoration with a focus on application to Midwestern ecosystems. Lecture and lab. Prerequisites: BSC 201 or equivalent, or consent instructor.

343 INTRODUCTION TO NEUROBIOLOGY
3 sem. hrs.

Cellular and molecular aspects of neuronal function; neurotransmitter families; central nervous system development, anatomy and function; and neuropathology. Prerequisites: BSC 203 or consent instructor.

345 INTRODUCTION TO ENDOCRINOLOGY**3 sem. hrs.**

Cellular and molecular coordination of tissues which secrete chemical compounds to regulate growth, reproduction, metabolism, and ion homeostasis. Prerequisites: BSC 203 or consent instructor.

346 DEVELOPMENTAL BIOLOGY OF ANIMALS**3 sem. hrs.**

Molecular mechanisms and pathways which regulate tissue patterning and morphogenesis during early animal development. Prerequisites: BSC 203 or consent of instructor. BSC 219 recommended.

350 MOLECULAR BIOLOGY**3 sem. hrs.**

DNA structure and replication, the Genetic Code, transcription, translation, genetic regulation, RNA splicing, and transposons. Prerequisites: BSC 203, 219; CHE 220, or 230 and 231. CHE 242 or 342 recommended.

353 BIOTECHNOLOGY LABORATORY I:**DNA TECHNIQUES****3 sem. hrs.**

Application and theory of molecular techniques using prokaryotic systems, including DNA and protein analysis, DNA cloning and bacterial genetics. Lecture and lab. Material charge optional. Not for credit if had BSC 352. Prerequisites: BSC 203, 219 and 260; CHE 220 or 230-232. CHE 242 or 342 recommended.

354 BIOTECHNOLOGY LABORATORY II:**CELL BIOLOGY TECHNIQUES****3 sem. hrs.**

Applications and theory of cell biology to study eukaryotic systems using biochemistry, cell culture, and immunology techniques. Lecture and lab. Materials charge optional. Prerequisites: BSC 203; CHE 220 or 230-232. CHE 242 or 342 recommended.

355 GENOMICS AND BIOINFORMATICS**3 sem. hrs.**

Concepts and practice of genome sequencing and analysis, postgenomic applications and bioinformatics. Prerequisites: BSC 203, 219.

361 MICROBIAL PATHOGENS**4 sem. hrs.**

Pathogenesis, identification, cultivation, and classification of bacteria, viruses, fungi, and animal parasites associated with diseases of man. Lecture and lab. Materials charge optional. Prerequisites: BSC 203 and 260.

362 MICROBIAL ECOLOGY AND EVOLUTION**4 sem. hrs.**

Ecological, evolutionary, and microbiological principles examined through the study of interactions of microbes with each other and with their environment. Lecture and lab. Materials charge optional. Prerequisite: BSC 260.

365 BIOENERGY PLANT/MICROBE BIOLOGY AND THE ENVIRONMENT**3 sem. hrs.**

The molecular, cellular, and organismal biology of microbes and plants as a source of alternate energy and associated global change. Prerequisites: BSC 201 or 203 or 219 or consent instructor.

367 IMMUNOLOGY**4 sem. hrs.**

Molecular, cellular, transplantation and tumor immunology; antimicrobial immunity; immunochemistry. Lecture and lab. Materials charge optional. Prerequisite: BSC 203.

375 STREAM ECOLOGY LECTURE**3 sem. hrs.**

Introduction to the structure and function of stream ecosystems examining hydrology, geomorphology, chemistry, and ecology of stream ecosystems. Not for credit if had BSC 389.30. Prerequisites: BSC 196, 197, 201, or consent instructor and CHE 110 or equivalent.

376 STREAM ECOLOGY LABORATORY**1 sem. hr.**

The integration of the geology, chemistry, zoology, and ecology of flowing waters and their conservation and restoration. Not for credit if had BSC 389.30. Materials charge optional. Prerequisites: BSC 196, 197, 201 or consent instructor and CHE 110 or equivalent. BSC 375 or concurrent registration.

383 PARASITOLOGY**4 sem. hrs.**

Host-parasite relationships, life histories, and morphology of arthropod, helminth, and protozoan parasites of animals. Lecture and lab. Materials charge optional. Prerequisites: BSC 203 and 260.

396 AVIAN BIOLOGY**4 sem. hrs.**

Origin, evolution, diversity, systematics, biogeography, morphology, physiology, ecology, behavior, and conservation biology of birds. Lecture, lab, and field trips. Materials charge optional. Prerequisite: BSC 201.

398 PROFESSIONAL PRACTICE: BIOLOGY**1-6 sem. hrs.**

Practical experience through employment in agencies such as biological research facilities, zoological or botanical gardens, game reserves, or environmental service. One credit per 50-60 hours work experience. CR/NC only. May be repeated; maximum 16 hours Professional Practice; no more than 4 hours from BSC 287, 290, 298.01, 299, or 398 may be counted toward major requirements. Prerequisites: Junior standing in BSC with 2.50 GPA in all natural sciences. Consent department Professional Practice advisor.

CHEMISTRY (CHE)**416**

214 Julian Hall, (309) 438-7661

Web address: www.chem.ilstu.edu**Chairperson:** John Baur.**Tenured/Tenure-track Faculty:***Distinguished Professors:* Lash.*Professors:* Baur, Ferrence, Hansen, Jones, Shaw, Standard, Szczepura.*Associate Professors:* Cedeno, Friesen, Hamaker, Hitchcock, Hunter, McLauchlan, Nagorski, Quandt.*Assistant Professors:* Kim, Mulligan, Peters, Weldon.**General Department Information**

The Department of Chemistry is on the approved list of the American Chemical Society. Contact the department for specific certification requirements.

HONORS IN CHEMISTRY

Students majoring in Chemistry may be admitted to the Departmental Honors Program if they have (1) prior admission to the University Honors Program, (2) completed at least 30 hours of college-level courses, including at least 2 courses in Chemistry, (3) a cumulative GPA of 3.30, and (4) applied for admission to departmental honors to the Chemistry chairperson or honors advisor and received approval for admission into the program.

In order to graduate with honors in Chemistry, a student must complete (1) all regular requirements for the Chemistry Major including PHY 110 and 111, (2) 5 hours of CHE 290 and/or 299, of which at least 3 hours are CHE 299, (3) completion of all requirements for American Chemical Society degree certification; (4) MAT 147; ITK 165, 168, or 3 hours in non-Chemistry SMT courses numbered 200- or higher, (5) have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Chemistry courses, and (6) fulfill the general requirements for participation in the University Honors Program, be in the University Honors Program for at least three semesters, and be in good standing in the University Honors Program at the time of graduation.

Chemistry Programs

Degrees Offered: B.S.

MAJOR IN CHEMISTRY

- 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 350, 351, 360, 361, 362, 363.
- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Chemistry electives: Selected from approved courses numbered 200 or higher. For the American Chemical

Society Certified Degree the elective requirement is 6 hours in Chemistry courses numbered 290 or higher. These courses must include 2 hours in *laboratory* course work (CHE 290, 301, 343, 398). The department strongly recommends presentation of work performed in 290 or 398 at a professional meeting, Chemistry Department Symposium or Undergraduate Research Symposium. The following general electives are highly recommended: a course in computer programming, a course in technical writing and other science courses.

- **NOTE:** Students interested in careers in biochemistry, molecular biology, biotechnology or medicine may elect to follow the Biochemistry/Molecular Biology Degree Program (listed below).
- A course in the major may not be taken more than twice unless the course description states "may be repeated." An exception may be requested once during a student's undergraduate career if the GPA in the major plan and the overall GPA is 2.00 or better.
- A grade of C or better is required in all Chemistry courses that are prerequisites for core Chemistry courses: CHE 140, 141, 215, 230, 231, 232, 360, 361, 362.

Teacher Certification Sequence:

- 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher, and CHE 301 as an additional laboratory course. A Teacher Education student must complete the option described as part of the entitlement program leading to certification: secondary 6-12.

MINOR IN CHEMISTRY

- 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher excluding CHE 204.
- Required courses: CHE 140, 141, 215, and 220 or 230/231.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting

4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

The Biochemistry/Molecular Biology (BMB) Program is cross-listed by the Departments of Chemistry and Biological Sciences.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: (1) participation in the University Honors Program, (2) a cumulative grade point of 3.30, as well as a 3.50 average in Biochemistry/Molecular Biology, and (3) the courses: MAT 147, PHY 110 and 111, and CHE/BSC 299.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

General Sequence:

- 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360 or 370, 361; BSC 196, 197, 203, 219, 220, 350; BSC/CHE 310.
- 1 year of calculus (MAT 145 and MAT 146) and 1 year of physics (PHY 108 and 109 or PHY 110 and 111) must be completed prior to enrolling in CHE 360/370, or CHE 361.
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.

Biochemistry Sequence:

- 34 hours required in Chemistry, 17 hours in Biological Sciences, and 1 hour in Biochemistry/Molecular Biology seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360 or 370, 361; BSC 196, 197, 203, 219; CHE/BSC 310.
- 1 year of Calculus (MAT 145 and MAT 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed prior to enrolling in CHE 360/370 or CHE 361.
- The following courses are in the General Education Program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.

- 3 hours of elective credit in BSC at the 200-level or greater.

Molecular Biology Sequence:

- 25 hours required in Chemistry, 23 hours in Biological Sciences, and 1 hour in Biochemistry/Molecular Biology seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 342, 344; BSC 196, 197, 203, 219, 220, 260, 350; CHE/BSC 310.
- 1 year of Calculus (MAT 145 and 146) and 1 year of Physics (PHY 108 and 109 or PHY 110 and 111) must be completed.
- The following courses are in the General Education Program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- 6 hours of elective credit in BSC or CHE courses at the 300-level.

Biochemistry/Molecular Biology Course

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR

1 sem. hr.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology. Also offered as BSC 310. Prerequisites: BSC 197, BSC 203 or 219; CHE 215, 342.

Chemistry Courses

102 CHEMISTRY AND SOCIETY IC-NS

3 sem. hrs.

Selected topics from chemistry and science in general, and illustration of relevance of chemistry and other sciences in today's world. Lectures, demonstrations, recitation, and lab. Lecture and lab. Open only to students with no college credit in chemistry. May not be taken under the CT/NC option. Materials charge optional.

110/112 FUNDAMENTALS OF CHEMISTRY AND LABORATORY IC-NSA

4/1 sem. hrs.

Introductory survey of fundamental concepts, laws, and theories of chemical science and their application to common chemical systems. Not for credit if had CHE 141. May not be taken under the CT/NC option. Materials charge optional for CHE 112. Prerequisites: CHE 110 or concurrent registration required for CHE 112.

140 GENERAL CHEMISTRY I IC-NSA

4 sem. hrs.

Introduction to stoichiometry, thermochemistry, atomic structure, molecular structure and bonding, chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions. First half of a 2-semester sequence. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional. Prerequisites: Designed primarily for students with high school credit in chemistry. Algebra is required.

141 GENERAL CHEMISTRY II

4 sem. hrs.

Continuation of CHE 140. Introduction to chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions; acid-base equilibria; electrochemistry; nuclear chemistry; and coordination compounds. Lecture and lab. Materials charge optional. Prerequisite: CHE 140; C or better in CHE 140 required for CHE majors.

161 INTRODUCTION TO TEACHING SCIENCE SEMINAR

2 sem. hrs.

Introduction to the nature of scientific inquiry, and research-based skills in science teaching and learning. Also offered as BSC 161. Prerequisites: Grade of B or better in CHE 110, CHE 140 or equivalent. Teacher Education major only.

204 CHEMISTRY OF LIFE OC-SMT

3 sem. hrs.

Application of chemical principles to the understanding of life processes and exploration of classes of molecules important in everyday life. Lectures, demonstrations and lab. Not for credit major or minor. Prerequisites: Inner Core; CHE 102 or 1 year high school chemistry. BSC 101 or equivalent recommended.

215 FUNDAMENTALS OF ANALYTICAL CHEMISTRY

2 sem. hrs.

Theory and practice of selected modern analytical methods such as volumetric, potentiometric, optical, and chromatographic analysis. Lecture and lab. Materials charge optional. Prerequisite: CHE 141; grade of C or better in CHE 141 is required for CHE majors.

220 ELEMENTARY ORGANIC CHEMISTRY

5 sem. hrs.

One-semester survey of organic chemistry. Fundamental principles of structure and mechanisms of organic reactions. Lecture and lab. Not for credit if had CHE 230. For non-majors; recommended for Agriculture, Family and Consumer Sciences, Health Sciences, Nursing, and others. Materials charge optional. Prerequisites: CHE 112 or 141.

230 ORGANIC CHEMISTRY I

3 sem. hrs.

Introduction to chemistry of aliphatic and aromatic organic compounds. First half of a 2-semester sequence. Not for credit if had CHE 220. Prerequisite: CHE 141; grade of C or better in CHE 141 is required for CHE majors. No credit will be granted in CHE 230 until credit is earned in CHE 231.

231 ORGANIC CHEMISTRY LABORATORY

1 sem. hr.

Laboratory practice illustrating preparations and reactions typical of functional groups. First half of a 2-semester sequence. Materials charge optional. Prerequisite: CHE 141; grade of C or better in CHE 141 is required for CHE majors. Concurrent registration in CHE 230. No credit will be granted in CHE 231 until credit is earned in CHE 230.

232 ORGANIC CHEMISTRY II

3 sem. hrs.

Continuation of Chemistry 230, including synthetic and mechanistic features of organic reactions. Prerequisite: CHE 230; C or better in CHE 230 required for CHE majors.

233 ORGANIC CHEMISTRY LABORATORY II

2 sem. hrs.

Laboratory practice in newer techniques and methods of organic chemistry. Materials charge optional. Prerequisites: CHE 231; C or better in CHE 231 required for CHE majors. Concurrent registration in CHE 232.

242 BASIC BIOCHEMISTRY

3 sem. hrs.

Introduction to the chemistry of carbohydrates, lipids, proteins, nucleic acids and enzymes. Brief treatment of vitamins and intermediary metabolism. Not for credit if had CHE 342. Prerequisite: 1 semester of organic chemistry.

250 DESCRIPTIVE INORGANIC CHEMISTRY

2 sem. hrs.

Survey of wide-ranging aspects of inorganic chemistry including household, industrial, bioinorganic, environmental, geological, and nuclear chemistry. Prerequisites: CHE 220 or 230. A grade of C or better in CHE 230 is required for Chemistry majors.

280 ENVIRONMENTAL CHEMISTRY

3 sem. hrs.

Aquatic, soil, and atmosphere chemistry and the attendant problems of water, soil, and air pollution. Causes of pollutants and methods of analyzing for them. Prerequisites: CHE 141 with a grade of C or better, and any 200-level chemistry course.

290 RESEARCH IN CHEMISTRY

1-2 sem. hrs.

CR/NC only. May be repeated; maximum 6 hours; only 3 hours are applicable toward the major or minor. Prerequisites: 17 hours of Chemistry; Department form must be completed prior to registration.

301 TEACHING OF CHEMISTRY

2-3 sem. hrs.

Modern methods and curricula of high school chemistry. Includes Clinical Experiences: 35 hours, Type 1-5. Prerequisites: 17 hours of Chemistry. For teaching major/minor only. C or better in C&I 216 or PSY 215 or concurrent registration.

302 STUDENT TEACHING AND PROFESSIONAL SEMINAR

4 sem. hrs.

A weekly seminar in which students exchange information and share reflections during and after student teaching. Prerequisites: CHE 301 and STT 399.73 concurrent registration. Chemistry Teacher Education major only.

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR

1 sem. hr.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology. Also offered as BSC 310. Prerequisites: BSC 197, BSC 203 or 219; CHE 215; 342.

315 INSTRUMENTAL ANALYSIS

3 sem. hrs.

Emphasis on modern instrumental methods of chemical analysis including electroanalytical, optical, and chromatographic methods. Lecture and lab. Materials charge optional. Prerequisites: CHE 215 and 362 or concurrent registration. A grade of C or better in CHE 215 is required for CHE majors.

318 METHODS OF COMPUTATIONAL SCIENCE**3 sem. hrs.**

Introduction of a wide variety of computational techniques and their application to problems in chemistry and physics. Also offered as PHY 318. Formerly CHE 288. Prerequisites: CHE 140; ITK 165; PHY 109 or 111; CHE 360 or PHY 220 or concurrent registration or consent instructor.

342 GENERAL BIOCHEMISTRY I**3 sem. hrs.**

Survey of the structure-function relationships of proteins, carbohydrates, lipids and nucleic acids, dynamic equilibria, energetics, reaction kinetics/mechanisms and metabolism. Not for credit if had CHE 242. Prerequisites: Grade C or better in CHE 232 or 1 year of organic chemistry or consent instructor.

343 BIOCHEMISTRY LABORATORY**2 sem. hrs.**

Application of biochemical principles and methods discussed in Chemistry 342. Lecture and lab. Materials charge optional. Prerequisites: CHE 242 or 342 or concurrent registration.

344 GENERAL BIOCHEMISTRY II**3 sem. hrs.**

Survey of important aspects of intermediary metabolism, metabolic regulation, membrane transport and bioenergetics. Topics will include hormonal controls and immunochemical response. Prerequisites: Grade of B or better in CHE 242 or C or better in CHE 342.

350 INORGANIC CHEMISTRY**3 sem. hrs.**

Survey of modern inorganic chemistry including structure of inorganic compounds, coordination chemistry, non-aqueous solvents and selected inorganic reactions. Prerequisite: CHE 362; grade C or better in CHE 362 is required for CHE majors.

351 INORGANIC CHEMISTRY LABORATORY**1 sem. hr.**

Experiences in the modern techniques of synthesis and quantitative characterization of inorganic materials. Specific experiments and techniques may vary but will generally include spectroscopic, microscopic, electrochemical, conductivity, magnetic susceptibility, thermal and vacuum line techniques and experiments. Materials charge optional. Prerequisites: CHE 350 or concurrent registration.

360 PHYSICAL CHEMISTRY I**3 sem. hrs.**

First of a series in theoretical chemistry dealing with descriptions of gases, liquids, solutions, thermochemistry, thermodynamics, chemical and phase equilibrium, kinetic theory, and chemical kinetics. Prerequisites: CHE 141; grade of C or better in CHE 141 is required for CHE majors; CHE 215 or concurrent registration; PHY 109 or 111; 8 hours of CHE or PHY courses numbered 200 or higher; MAT 146.

361 PHYSICAL CHEMISTRY LABORATORY I**1 sem. hr.**

Laboratory applications of principles treated in physical chemistry. Materials charge optional. Prerequisites: CHE 360 or 370 or concurrent registration.

362 PHYSICAL CHEMISTRY II**3 sem. hrs.**

Continuation of CHE 360, including ionic equilibrium, conductance, electromotive force, spectroscopy, molecular theory, and miscellaneous applications of quantum theory. Prerequisite: CHE 360; grade of C or better in CHE 360 is required for Chemistry majors.

363 PHYSICAL CHEMISTRY LABORATORY II**1 sem. hr.**

Laboratory studies related to principles of physical chemistry with emphasis on quantum mechanics and spectroscopy. Materials charge optional. Prerequisites: CHE 361; 362, or concurrent registration. Grade of C or better in CHE 361 is required for Chemistry majors.

370 PHYSICAL BIOCHEMISTRY**3 sem. hrs.**

This course covers the principles of thermodynamics and kinetics, and how these principles are applied to relevant biochemical processes. Formerly CHE 389.02; not for credit if had CHE 360. Prerequisites: CHE 215, 342; PHY 109 or 111; and MAT 146, or consent instructor.

380 TOPICS IN CONTEMPORARY CHEMISTRY**1-3 sem. hrs.**

New concepts and recent developments in the fields of organic, chemical education, inorganic, analytical, physical, and biochemistry. May be repeated if content differs. Prerequisites: CHE 232. Certain topics may also require CHE 360. Grade of C or better in CHE 232 (and CHE 360 if prerequisite) is required for Chemistry majors.

388 CHEMISTRY OF ENERGY PRODUCTION**3 sem. hrs.**

Advanced study of modern energy production and use. Topics covered range from methods of primary/secondary production to costs and sustainability. Prerequisites: CHE 141; MAT 146; Junior standing or consent instructor. A grade of C or better in CHE 141 is required for Chemistry majors.

398 PROFESSIONAL PRACTICE: CHEMISTRY**1-16 sem. hrs.**

Practical experience by employment in an industrial or governmental laboratory. May be repeated; maximum 16 hours; no more than 4 hours/semester may be used to meet graduation requirements. CR/NC only. May be 2 to 5 periods of 1 term each. Prerequisites: Grade of C or better in CHE 232 and 233 or equivalent. Junior/senior standing. 2.50 GPA.

COMMUNICATION (COM) 448

434 Fell Hall, (309) 438-3671

Web address: Communication.IllinoisState.edu

Email address: communication@ilstu.edu

Director: Larry W. Long.

Tenured/Tenure-track Faculty:

Professors: Baldwin, Comadena, Cupach, Hunt, Kang, Long, Metts, Moffitt, Perry, C. Simonds.

Associate Professors: Blaney, Courtright, Glascock, Lipert, McHale, O'Sullivan, B. Simonds, Zompetti.

Assistant Professors: Botero, Chidester, Fediuk, Huxford, Meyer, Moore, Smudde.

General Information

INTERDISCIPLINARY MINORS

The School of Communication participates in a number of interdisciplinary minors at the University. Course work offered by the School contributes to the following minors: Civic Engagement and Responsibility, Cognitive Science, and Ethnic Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN COMMUNICATION

The School of Communication offers students an opportunity to demonstrate outstanding achievement in the study of communication by means of participation in the School Honors Program. The School also offers in-course honors work in all its courses at the discretion of the instructor for students enrolled in the Honors Program. Qualified students are encouraged to inquire about admission by contacting the School Honors advisor.

Communication Studies Programs

Degrees Offered: B.A., B.S.

MAJOR IN COMMUNICATION STUDIES

- 45 hours required.
- Required courses (24 hours): COM 100 (1 hour), 111, 123, 210, 223, 229, 272, 297, 388 or 388.01 (2 hours).
- Students must complete one of the following sequences: Organizational and Leadership Communication, Interpersonal, Political Communication, or Teacher Education.
- 9 hours of electives selected from additional courses designated within the sequence.
- A minimum of 24 senior hours.
- A maximum of 9 hours can be counted concurrently toward the Communication Studies Major and other majors or minors within the School of Communication.
- Students may include a maximum of 6 total hours of Professional Practice (COM 198, 398) and independent research (COM 296, 299) toward completion of the major.

Organizational and Leadership Communication Sequence:

Graduates from this program have secured positions in sales, supervision, convention/event planning, insurance, real estate and management.

- 12 hours required courses: COM 227, 323, 329, 375.
- 9 hours elective courses: COM 128, 201, 202, 218, 225, 226, 228, 296, 299, 302, 303, 304, 318, 321, 324, 325, 328, 331, 363, 369, 370, 371, 372, 398.

Interpersonal Sequence:

Graduates from this program have secured positions in social services, human relations, interpersonal consulting and corporate communication.

- 12 hours required courses: COM 323 or 324, 325, 370, 372.
- 9 hours elective courses: COM 128, 201, 202, 218, 225, 226, 227, 228, 296, 299, 302, 303, 304, 318, 321, 323, 324, 328, 329, 331, 363, 369, 371, 375, 398; ANT/SOC 338.

Political Communication Sequence:

Graduates from this program have secured positions in politics, persuasion consulting, media, educational support and rhetoric.

- 12 hours required courses: COM 201, 226, 303 or 304, 371.
- 9 hours elective courses: COM 128, 202, 218, 225, 227, 228, 296, 299, 302, 303, 304, 318, 321, 323, 324, 325, 328, 329, 331, 363, 369, 370, 372, 375, 398.

Communication Studies Education Sequence:

- 36 hours required. Part of entitlement program leading to certification: secondary English Language Arts 9-12.
- Required courses: COM 100, 111, 123, 202, 210, 223, 229, 272, 281, 283, 297, 381, 398 (2 hours).
- Minor in English recommended. Candidates may choose either the English minor or the English minor for teacher education.
- Clinical Experiences are included in COM 198.02, 202, 223, 281, 381, 398. Additional opportunities are available through other departmental programs.
- Students enrolled in this program are required by the State to complete the requirements for teaching English Language Arts. Students are recommended to consult an advisor early in their program to determine the requirements for various teaching fields.
- **NOTE:** Admission to Professional Studies programs requires a 2.50 GPA.

MINOR IN COMMUNICATION STUDIES

- 21 hours required.
- Required course: COM 111, 297.
- A minimum of 6 hours must be at the 300-level (excluding 398).
- 15 hours of electives selected from: COM 123, 198.02, 201, 202, 210, 218, 223, 225, 226, 227, 228, 229, 272, 302, 303, 304, 321, 323, 324, 325, 329, 331, 370, 371, 372, 375.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Instructional Media Program

MINOR IN INSTRUCTIONAL MEDIA

- 24 hours required.
- Required courses: COM 240, 241, 365, 366; 12 hours selected from: ART 101, 103, 104, 109, 226; COM 160, 162, 163, 362; TEC 210, 250, 251, 253.

Journalism Program

Degrees Offered: B.A., B.S.

MAJOR IN JOURNALISM

Students majoring in journalism select one of three sequences in addition to a core of basic courses. Core courses give students grounding in theory, research and legal and ethical issues confronting practitioners in mass media.

- 39 hours required.
- Required courses: COM 111, 160, 161, 320 or 360, 297, 361, 367.
- A minimum of 24 senior hours including at least 12 hours at the 300-level (excluding 398).
- Journalism majors must complete a minor or second major in a department/school other than Communication.
- Students may include a maximum of 3 hours of Professional Practice 398 toward the major.
- Sequences: Journalism majors must complete 18 hours in one of the following sequences:

Broadcast Journalism Sequence:

The Broadcast Journalism Sequence offers courses in television reporting, management and announcing.

- Required courses: COM 167, 257, 267, 271 or 364; plus
- Six hours of communication electives.

News Editorial Sequence:

The News Editorial Sequence offers courses in news reporting, editing and advanced news writing.

- Required courses: COM 165, 166, 265, 385; plus
- Six hours of communication electives.

Visual Communication Sequence:

The Visual Communication Sequence offers courses in photography, graphics, design and production for print and online media.

- Required courses: COM 165 or 167, 240, 241, 269 or 365, 366; plus
- Three hours of communication electives.

MINOR IN JOURNALISM

For Teacher Education:

- 24 hours required.
- Required courses: COM 160, 165, 166, 265, 266, 269, 385.
- Electives: COM 260, 268; TEC 250.

The Journalism for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

Mass Media Program

Degrees Offered: B.A., B.S.

MAJOR IN MASS MEDIA

- 53 hours required (includes possibility of 3 core hours from Philosophy as part of the 53 hours).
- Required courses: COM 101, 111, 160, 161, 297, 320 or 360, 361, 396 and either COM 367 or one philosophy course from the following: PHI 232, 234, 238, 240, or 242.
- A minimum of 31 senior hours including at least 16 hours at the 300-level (excluding 298 and 398).
- A maximum of 9 hours can be counted concurrently toward the Mass Media major and other majors or minors within the School of Communication.
- Mass Media majors must choose and complete a sequence in either Radio; Television Production; Media Management, Promotion, and Sales; or Interactive Media. The sequences are listed below.

- Students may include a maximum of 3 hours of professional practice 198.03 toward the major.
- Students may include a maximum of 6 hours of professional practice 398 toward the major.
- Preapproved electives include: COM 211, 214, 228, 240, 262, 263, 266, 267, 268, 273, 304, 314, 317, 319, 321, 324, 352, 355, 363, 369, 370, 371, 398.

Radio Sequence:

- Required courses: COM 162, 214, 262, 264 or 271, and 364
- 15 hours of communication electives.
- Suggested electives: COM 163, 198.03, 240, 268, 273, 312, 314, 369, 398.

Management, Promotion and Sales Sequence:

- Required courses: COM 162, 163, 264, 273, and 364.
- 15 hours of communication electives.
- Suggested electives: COM 198.03, 214, 240, 262, 263, 268, 314, 321, 369, 398.

Television Production Sequence:

- Required courses: COM 163, 263, 264, and 317, plus one course from either 211 or 362.
- 15 hours of communication electives.
- Suggested electives: COM 162, 167, 198.03, 240, 241, 266, 270, 312, 319, 351, 362, 369, 398.

Interactive Media Sequence:

- Required courses: COM 163, 240, 241, 317, 319, 366
- 12 hours of communication electives.
- Suggested electives: COM 162, 167, 198.03, 211, 218, 263, 266, 362, 369, 398.

MINOR IN MASS MEDIA

- 19 hours required.
- Required courses: COM 101, 160 and 161.
- 12 hours of electives selected in consultation with an academic advisor from: COM 162, 163, 165, 167, 198.03, 211, 214, 218, 263, 264, 270, 271, 273, 296, 297, 312, 314, 317, 319, 320, 351, 360, 361, 362, 363, 364, 366, 367, 369, 398.
- Students may include a maximum of 3 hours of 198.03 or 398 toward their elective requirements.

Public Relations Program

Degrees Offered: B.A., B.S.

MAJOR IN PUBLIC RELATIONS

- 45 hours required.
- Required courses: COM 111, 161, 165, 178, 268, 297, 377, 378; ECO 103.
- A minimum of 30 senior hours with at least 15 hours at the 300-level.

- 18 hours of COM electives from the 200/300-level, to be chosen in consultation with a School of Communication advisor.
- Students are strongly encouraged to complete at least one internship.
- A maximum of 3 hours of 298 and a maximum of 3 hours of 398 may count as major electives.

Communication Courses**100 INTRODUCTION TO THE STUDY OF COMMUNICATION**

1 sem. hr.

This course acquaints students with the different areas of study in the communication disciplines and career options available to them. Prerequisite: COM major only.

101 INTRODUCTION TO THE STUDY OF MASS MEDIA AND JOURNALISM

1 sem. hr.

Acquaints students with curricular options and areas of study in mass media/journalism and career options available to them. Prerequisite: Mass Media and Journalism majors only.

110 COMMUNICATION AS CRITICAL INQUIRY

IC

3 sem. hrs.

Development of communication competence, critical thinking, information literacy, and ethical practices in public speaking, small group and interpersonal contexts. May not be taken under the CT/NC option. Formerly *COMMUNICATION AND CRITICAL INQUIRY*.

111 INTRODUCTION TO COMMUNICATION THEORIES

3 sem. hrs.

Introduces the student to numerous basic communication theories; outlines requirements, expectations, and career opportunities for all communication majors. Prerequisite: COM major only.

123 INTERPERSONAL COMMUNICATION

3 sem. hrs.

An introduction to 2-person interaction in a variety of contexts.

128 GENDER IN THE HUMANITIES

MC-LH

3 sem. hrs.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures. May not be taken under the CT/NC option. Also offered as ENG/LAN 128. Prerequisites: ENG 101; COM 110 or concurrent registration

160 INTRODUCTION TO MASS COMMUNICATION

3 sem. hrs.

Mass media development and function in modern society: technological basis, economic and political foundations, social implications.

161 MEDIA WRITING AND PRESENTATION**3 sem. hrs.**

Introduction to the variety of mass communication media students may encounter in their careers. Preparation and presentation of various mass communication formats. Prerequisites: COM 160 or 178.

162 INTRODUCTION TO RADIO**3 sem. hrs.**

Introduction to radio industry. Development of skills needed to create, announce and produce radio scripts and programming. Examination of radio field. 2 hour lecture, 2 hour lab. Formerly *RADIO PRODUCTION*. Materials charge optional. Prerequisite: COM 101, 160.

163 TELEVISION PRODUCTION**3 sem. hrs.**

Development of skills necessary in producing a television program. Function of television equipment and facilities. Evaluation of current production techniques. Producing and directing included. 2 hours lecture, 2 hours lab. Materials charge optional. Prerequisite: COM 101, 160.

165 REPORTING I**3 sem. hrs.**

Intensive training in the fundamentals of newsgathering and news writing. Prerequisites: COM 160 or 178 and typing ability.

166 COPY EDITING**3 sem. hrs.**

Advanced training in rewriting and editing stories, headlines, writing, page layouts, and work on a campus publication. Prerequisites: COM 160 and 165.

167 BROADCAST NEWS I**3 sem. hrs.**

Intensive training in the fundamentals of newsgathering and writing for the electronic media. Materials charge optional. Prerequisite: COM 160.

178 INTRODUCTION TO PUBLIC RELATIONS**3 sem. hrs.**

Examines functions of public relations in society and surveys concepts, theories, ethics, and principles of effective public relations. Prerequisites: COM 111 and ENG 101 recommended.

198.02 PROFESSIONAL PRACTICE: FORENSICS**1 sem. hr.**

Training and participation in speech activities. May be repeated; maximum 4 hours. Includes Clinical Experiences: 15 hours, Type 1-4.

198.03 PROFESSIONAL PRACTICE: MASS MEDIA**1 sem. hr.**

Training and participation in mass media production activities. May be repeated; maximum 3 hours. Prerequisite: Consent of instructor.

201 COMMUNICATION AND SOCIAL ISSUES I**3 sem. hrs.**

Criticism of communicative discourse concerning reform movements, religious controversy, socialism, and other topics. Prerequisite: COM 111.

202 PERSUASIVE PUBLIC SPEAKING**3 sem. hrs.**

Provides the student an opportunity to develop skills in persuasive speaking in a variety of situations. Focuses on message content and organization appropriate for different situations. Includes Clinical Experiences: 2 hours, Type 1-5. Prerequisite: COM 111.

210 COMMUNICATION AND CRITICAL THINKING**3 sem. hrs.**

Principles of critical thinking, argumentation, negotiation, and advocacy and their expression in oral and written contexts. Not for credit if had COM 125. Prerequisite: COM 110.

211 LIVE MULTICAMERA PRODUCTION**3 sem. hrs.**

Development of skills for producing live multi-camera productions. Students learn crew positions for live events including pre and post production. Materials charge optional. May repeat with consent of instructor. Prerequisites: COM 101, 111, 160, 161, 163.

214 RADIO MANAGEMENT I**3 sem. hrs.**

Refinement and practice of radio management skills through administering the ongoing operations of a radio station. Materials charge optional. Prerequisites: Radio Sequence major; COM 101, 160, 162 with minimum grade of C, or consent of instructor.

218 COMMUNICATION TECHNOLOGIES AND IMPACTS**3 sem. hrs.**

The study of basic communication technologies (radio, television, satellite, computer, and electronic publishing) and their impact on the individual, group, organization, and society. Prerequisites: COM 111 or 160 or consent instructor.

223 SMALL GROUP PROCESSES**3 sem. hrs.**

Theory and practice in reflective group discussion methods. Includes Clinical Experiences: 1 hour, Type 1-3.

225 NONVERBAL COMMUNICATION**3 sem. hrs.**

Consideration of gesture, space, time, touch, objects, environment, voice, and eye behavior, and their relationship to communication and culture. Prerequisite: COM 111.

226 CLASSICAL RHETORIC**3 sem. hrs.**

Classical rhetoricians and rhetorics, from the early Greek sophists to Saint Augustine, with special attention to impact on modern theory construction. Prerequisite: COM 111.

227 ORGANIZATIONAL AND PROFESSIONAL SPEAKING**3 sem. hrs.**

Learning experiences in critical analysis of communication events, group problem solving, interviewing, technical speaking, and persuasive speaking. Not recommended for COM major.

228 INTRODUCTION TO INTERVIEWING**3 sem. hrs.**

Learning experiences in the selection, organization, oral presentation of ideas through the interview situation. The course stresses information processing in the interview setting.

229 FOUNDATIONS OF ORGANIZATIONAL COMMUNICATION**3 sem. hrs.**

Designed to enhance students' basic communication knowledge, understanding, and skills in an organization including introductory concepts of organizational communication.

240 INTRODUCTION TO VISUAL COMMUNICATION**3 sem. hrs.**

Introduction to the theory and practice of visual communication including perception, visual literacy, and media design for multiple distribution channels. Lecture and lab. Materials charge optional. Formerly *PRESENTATION MEDIA*. Prerequisites: COM 111, 160, 161.

241 BASIC PHOTOGRAPHY**3 sem. hrs.**

Fundamentals of photography with emphasis on design, production, presentation and text. Lecture and lab. Materials charge optional.

257 BROADCAST REPORTING**3 sem. hrs.**

Introduction to concepts of news gathering for television and radio to enhance all aspects of experiential learning offered in the department. Materials charge optional. Prerequisites: COM 111, 160, 167.

262 ADVANCED RADIO APPLICATIONS**3 sem. hrs.**

Examination of copywriting and radio production techniques. Exploration of on-air personalities and styles, radio station imaging, and promotions. 2 hours lecture, 2 hours lab. Materials charge optional. Prerequisites: COM 101, 111, 160, 162.

263 ADVANCED TELEVISION PRODUCTION**3 sem. hrs.**

Creating visual appeal through the television medium. Aesthetics in preparing television programs. Advanced producing/directing techniques in commercial broadcasting and television as an art form. 2 hours lecture, 4 hours lab. Materials charge optional. Prerequisites: COM 101, 111, 160, and 163.

264 BROADCAST AND CABLE PROGRAMMING**3 sem. hrs.**

Format and scheduling of programs as practiced by station, cable, and network management and viewed from the perspective of the advertiser, the manager, the consumer, and the government. Materials charge optional. Prerequisites: COM 111 and 160.

265 REPORTING II**3 sem. hrs.**

Advanced training in newsgathering and news writing with practical application. Prerequisites: COM 111, 160, and 165.

266 ADVANCED PHOTOGRAPHY**3 sem. hrs.**

A study of the concepts, processes and techniques used to produce or select photographs for use in other forms of media. Lecture and lab. Materials charge optional. Prerequisites: COM 241 or consent of instructor.

267 BROADCAST NEWS II**3 sem. hrs.**

Refinement of skills in broadcast news through laboratory work on daily television newscasts. Materials charge optional. Prerequisites: COM 111, 160, 167, or consent instructor.

268 PUBLIC RELATIONS WRITING AND PRODUCTION**3 sem. hrs.**

Public relations functions, ethics, and writing of new releases, newsletters, brochures, and other publications for employees and communities. Prerequisites: COM 111, 161.

269 MAGAZINE PRODUCTION AND DESIGN**3 sem. hrs.**

Training in design, production, management, and finance of magazine. Instruction applicable to advisement of school publications. Lecture and lab. Formerly *SPECIALIZED PUBLICATIONS*. Prerequisite: COM 240.

270 DOCUMENTARY IN FILM AND BROADCASTING**3 sem. hrs.**

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio. Also offered as THE 270.

271 BROADCAST PERFORMANCE**3 sem. hrs.**

Introduction to basic concepts of on-air performance for television and radio to enhance students' experiential learning in broadcast concentrations. Materials charge optional. Prerequisites: COM 111, 160, 161.

272 FOUNDATIONS OF INTERCULTURAL COMMUNICATION**3 sem. hrs.**

Basic concepts of intercultural communication, including value, linguistic and nonverbal differences between cultures; prejudice, ethnocentrism, stereotypes, and cultural adjustment. Formerly COM 289.15. Prerequisite: COM 111 or consent instructor.

273 MEDIA EVENT PLANNING AND PROMOTIONS**3 sem. hrs.**

Study of radio, television, and sports promotions and events, with examination of the processes for executing them successfully. Materials charge optional. Prerequisites: COM 101, 111, 160, 162, 163, or consent of instructor.

274 ENVIRONMENTAL COMMUNICATION**3 sem. hrs.**

Theoretical and practical exploration of environmental issues. Topics include corporate advocacy, grass-roots activism, environmental nonprofit organizations, and governmental influence. Prerequisite: COM 111.

275 SELECTED TOPICS IN PUBLIC RELATIONS**3 sem. hrs.**

Examination of various genres of public relations and representative case studies in public relations. May be repeated if content different. Prerequisite: COM 111.

281 PRINCIPLES OF SPEECH EDUCATION**3 sem. hrs.**

Methods and materials for teaching secondary speech communication. Planning and applying strategies, methods of measurement, classroom criticism of performance, selection and compilation of materials. Includes Clinical Experiences: 10 hours, Type 1-6, 9. Prerequisites: C or better in C&I 212, 214, 216, and PSY 215 (6 hours) or concurrent registration. Admission to Professional Studies.

283 COMMUNICATION IN THE CLASSROOM**3 sem. hrs.**

Theory and practice in developing communication competencies in an academic setting. Preparation and presentation of various instructional strategies for diverse audiences. Prerequisites: C or better in COM 110; 45 hours, and declared Teacher Education Major.

**296 INDEPENDENT RESEARCH
IN COMMUNICATION****3 sem. hrs.**

Prerequisites: Project approval by department chair and instructor prior to registration.

297 COMMUNICATION RESEARCH METHODS**3 sem. hrs.**

Methods of scholarly research and critical evaluation of research. Prerequisite: COM 111.

**298.01 PROFESSIONAL PRACTICE:
PUBLIC RELATIONS****3 sem. hrs.**

Training and participation public relations management and campaign activities. Emphasis: professional activities and competition opportunities at local, national levels. Prerequisite: COM 111.

**303 CONTROVERSY AND
CONTEMPORARY SOCIETY****3 sem. hrs.**

Contemporary communication on current significant, controversial issues. Prerequisite: COM 111.

304 FREEDOM OF SPEECH AND PRESS**3 sem. hrs.**

First Amendment rights. Emphasis on Supreme Court decisions relating to political dissent, obscenity, provocation and demonstration, and press freedom. Prerequisite: COM 111.

312 BROADCAST HISTORY**3 sem. hrs.**

Course explores in depth the origins of broadcast media including people, industries, technologies, and government policies influencing media. Prerequisite: COM 160.

314 TOPICS IN RADIO MANAGEMENT**3 sem. hrs.**

Specialized management training in radio station operations. Development of long range planning, problem solving, and leadership skills. Materials charge optional. May be repeated for credit if content differs. Prerequisites: COM 101, 111, 160, 162, 214 and consent of instructor.

317 DIGITAL POST PRODUCTION**3 sem. hrs.**

Theory, aesthetics, and technical skills required for professional level non-linear film/video editing. Materials charge optional. Prerequisites: COM 101, 160, 161, 163.

**318 SOCIAL DYNAMICS OF
COMMUNICATION TECHNOLOGIES****3 sem. hrs.**

Examination of social dynamics of mediated communication emphasizing implications of new communication technologies for social institutions and social change. Prerequisites: COM 218 or consent instructor.

**319 INTERACTIVE MEDIA DESIGN
AND AUTHORIZING****3 sem. hrs.**

Designing and authoring interactive media for on-line and packaged distribution. Students produce digital portfolios of media projects from their academic career. Lecture. Materials charge optional. Prerequisites: COM 111, 160, 161, 163, 317.

**320 MASS MEDIA: CULTURAL
CRITICISM AND PROBLEMS****3 sem. hrs.**

Critiquing mass media's influence on cultural and economic life and its influence on public policy and social change. Formerly COM 260 *MASS COMMUNICATION: CULTURAL CRITICISM AND PROBLEMS*. Prerequisites: COM 101, 111 and 160.

**321 CAMPAIGN COMMUNICATION
AND MESSAGE DESIGN****3 sem. hrs.**

Application of theory and research to campaign strategy and message design. Emphasis: ethical, informative, and persuasive messages in commercial, political, and social issue campaigns. Prerequisite: COM 111.

**323 THEORY AND RESEARCH IN
SMALL GROUP COMMUNICATION****3 sem. hrs.**

Theoretical and experimental literature dealing with small group communication processes. Prerequisites: COM 111 and 297.

324 THEORY AND RESEARCH IN PERSUASION**3 sem. hrs.**

Survey of contemporary theoretical and empirical literature dealing with the question of how an individual's attitudes, beliefs, and social behaviors are affected by communication. Prerequisites: COM 111 and 297.

**325 THEORY AND RESEARCH IN
INTERPERSONAL COMMUNICATION****3 sem. hrs.**

Interpersonal communication and research and its implications for developing, maintaining, and terminating relationships. Focus on developing communicative competence. Prerequisites: COM 111 and 297.

328 NEGOTIATION**3 sem. hrs.**

Overview of theory and practice of negotiation. Experience in applying strategies to negotiate effectively and ethically. Formerly 389.57. Prerequisites: COM 111 and 297, or consent of instructor.

329 ORGANIZATIONAL COMMUNICATION**3 sem. hrs.**

Theoretical and experimental literature dealing with communication in an organizational setting. Prerequisite: COM 111.

331 HUMAN COMMUNICATION AND THE AGING PROCESS**3 sem. hrs.**

An examination of the particular communication needs of the aging and current research in the field. Prerequisites: COM 111 or SOC 211.

351 ADVANCED WRITING FOR MASS MEDIA**3 sem. hrs.**

This course focuses on writing for long form mass media including documentaries, features, dramas, and comedies. Prerequisites: COM 160 and 161.

352 DOCUMENTARY PRODUCTION ON SOCIAL AND POLITICAL ISSUES**3 sem. hrs.**

Social and political documentary video production with an overview of the history and trends in documentary. Formerly COM 389.58. Prerequisites: COM 161, 163, 263.

355 INTERNATIONAL PUBLIC RELATIONS**3 sem. hrs.**

Theory and research related to the practice of public relations across cultural and national boundaries. Application of theory to practical problems. Prerequisites: COM 111 and 178 or consent instructor.

356 EXECUTIVE SPEECHWRITING**3 sem. hrs.**

Principles and process for researching and ghostwriting speeches. Includes strategies for public-speaking opportunities and counseling speakers. Formerly COM 275.01. Prerequisites: COM 111, or consent of instructor.

358 CRISIS COMMUNICATION**3 sem. hrs.**

An advanced examination of the use of communication in planning, managing and responding to organization crises. Prerequisites: COM 178 and 268.

360 MASS COMMUNICATION: THEORY AND EFFECTS**3 sem. hrs.**

Critical examination of channel and receiver variables and their effects on the act of moving information through a given medium. Students participate in at least one research project of their design. Prerequisites: COM 111, 160, and 260.

361 MASS MEDIA LAW, POLICY AND ETHICS**3 sem. hrs.**

Examines statutes, policy, and case law affecting media operations along with ethical guidelines for practitioners and industry self-regulation guidelines. Formerly *REGULATION OF THE COMMUNICATION INDUSTRY*. Prerequisites: COM 111, 160, 297.

362 NON-BROADCAST TELEVISION**3 sem. hrs.**

Theory and practice of non-broadcast television with emphasis on equipment, production processes and effectiveness as a medium of communication for business, education and medicine. Lecture and lab. Prerequisite: COM 111.

364 BROADCAST MANAGEMENT**3 sem. hrs.**

Role and functions of broadcast media managers in society. Prerequisites: COM 111 and 160. COM 264 recommended.

365 NEWSPAPER DESIGN AND GRAPHICS**3 sem. hrs.**

Fundamentals of newspaper layout, design and graphics. Lecture and lab. Formerly *GRAPHIC COMMUNICATION I*. Prerequisite: COM 240.

366 WEB PRODUCTION AND DESIGN**3 sem. hrs.**

Design fundamentals and technical skills for Web page production. Lecture and lab. Formerly *GRAPHIC COMMUNICATION II*. Prerequisite: COM 240.

367 ETHICAL PROBLEMS IN MASS COMMUNICATION**3 sem. hrs.**

Analysis of ethical problems in news, entertainment, and persuasive media. Students develop analytical skills using cases and research projects. Prerequisite: COM 111, 160, 297.

369 INTERNATIONAL COMMUNICATION SYSTEMS**3 sem. hrs.**

Mass communication systems employed in foreign countries, their roles in national and international social and cultural development. Prerequisite: COM 111.

370 PSYCHOLOGY OF LANGUAGE**3 sem. hrs.**

Theories and experimental research relating to the development and function of language. Prerequisites: COM 111 and 297.

371 POLITICAL COMMUNICATION**3 sem. hrs.**

Basic theory and research relating to political campaign communication. Special attention is paid to the persuasive process of political campaigning focusing upon the role of the media, the candidate, image creation and other selected topics on political campaign communication. Prerequisites: COM 111; 6 hours COM or 6 hours POL recommended.

372 THEORY AND RESEARCH IN INTERCULTURAL COMMUNICATION**3 sem. hrs.**

Theories and research relating to face-to-face communication among people from different cultural, national, ethnic, or racial backgrounds. Formerly *INTERCULTURAL COMMUNICATION*. Prerequisites: COM 111, 272 and 297, or consent instructor.

375 COMMUNICATION AND LEADERSHIP**3 sem. hrs.**

Survey of theory and research dealing with how the different approaches to leadership are enacted through the process of communication. Not for credit if had 389.56, *LEADERSHIP AND COMMUNICATION*. Prerequisite: COM 111, 297.

377 PUBLIC RELATIONS MANAGEMENT: CAMPAIGNS**3 sem. hrs.**

Theory and research related to professional experience in strategizing and executing public relations. Prerequisites: COM 111, 161, 165, 268, 297; and ECO 103.

378 PUBLIC RELATIONS MANAGEMENT: CORPORATE COMMUNICATION**3 sem. hrs.**

As the "senior capstone course" focus is on the corporate relations function of public relations. Formerly *PUBLIC RELATIONS MANAGEMENT*. Prerequisites: COM 111, 161, 165, 268, 297; and ECO 103.

381 PROBLEMS IN THE TEACHING OF COMMUNICATION**3 sem. hrs.**

Identification of common and unique problems in teaching communication concepts and skills. Approaches to resolving classroom problems. Prerequisites: COM 281. C or better in C&I 212, 214, 216; and PSY 215 (6 hours) or concurrent registration.

385 EDITORIAL AND FEATURE WRITING**3 sem. hrs.**

Advanced training in writing feature articles and editorials for newspapers and magazines. Prerequisites: COM 111, 165, and 265.

388 SENIOR CAPSTONE: COMMUNICATION STUDIES**2 sem. hrs.**

Students will synthesize course work and communication experiences into transferable theory, skills, and applications via a senior project and portfolio. Prerequisites: Major or minor in Communication Studies; senior standing (90 hours completed); minimum of 24 hours completed within the major field of study. COM 100, 111, 297.

388.01 SENIOR CAPSTONE: COMMUNICATION STUDIES (PEP)**2 sem. hrs.**

Students will synthesize course work and communication experiences into transferable theory, skills, and applications via a senior project and portfolio that focuses on practical application in civic contexts. Prerequisites: Major or minor in Communication Studies; senior standing (90 hours completed); minimum of 24 hours completed within the major field of study. COM 100, 111, 297.

392 TOPICS IN COMMUNICATION INSTRUCTION**1 sem. hr.**

Identification and development of new instructional content, approaches, strategies, and materials for selected oral communication concepts in educational and business classrooms.

396 CAPSTONE IN MASS MEDIA**1 sem. hr.**

A culminating capstone experience for Mass Media majors, producing a professional portfolio and defending the knowledge and skills acquired. Prerequisites: Must be taken either in the student's last semester of planned coursework before graduation or after completion of a minimum of 48 hours in the major including: COM 101, 111, 160, 161, 297, 320 or 360, 361, and 367.

398 PROFESSIONAL PRACTICE: COMMUNICATION**1-12 sem. hrs.**

Arranged on-campus practical experience under the guidance of department academic supervisors. Includes Clinical Experiences: 55 hours, Type 1-9. Maximum 3-6 hours Professional Practice applicable to major; 16 hours applicable to graduation. Materials charge optional. Prerequisite: Complete school application prior to registration.

398.01 PROFESSIONAL PRACTICE: ON-CAMPUS INTERNSHIP IN COMMUNICATION**398.02 PROFESSIONAL PRACTICE: OFF-CAMPUS INTERNSHIP IN COMMUNICATION****COMMUNICATION SCIENCES AND DISORDERS (CSD) 472****204 Fairchild Hall, (309) 438-8643****Web address: CSD.IllinoisState.edu****Email address: hrfritz@ilstu.edu****Chairperson:** Joseph Smaldino.**Tenured/Tenure-track Faculty:***Professors:* Beck, Smaldino.*Associate Professors:* Bailey, A. Bowman, Harbers.*Assistant Professors:* Bondurant, Friberg, Kim, Kimball, Perry, Sawyer.**General Department Information****MINOR IN COGNITIVE SCIENCE**

The Department of Communication Sciences and Disorders participates in the degree program for the Minor in Cognitive Science. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN SPEECH PATHOLOGY AND AUDIOLOGY

Honors work in communicative disorders and speech and hearing science is available to qualified students. In order to successfully complete the Departmental Honors Program, candidates must fulfill the general requirements for participation in the University Honors Program, and:

- complete all requirements for the major, earning no grade lower than B in Communication Sciences and Disorders (CSD) courses, and maintain a 3.50 GPA in CSD courses;
- complete a minimum of 6 semester hours of in-course honors work in 300-level CSD courses;
- complete an Honors Project (CSD 299) or Honors Thesis (IDS 395) for 3 semester hours.

Interested students should contact the undergraduate departmental advisor for additional details and admission procedures.

Speech Pathology and Audiology Programs

Degree Offered: B.S.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Standards for Progress in the Major:

In order to remain in the major, students must attain a 3.00 GPA in the following 3 courses: CSD 155, CSD 175 and CSD 310. An average grade below 3.00 in these courses will result in the student being dropped from the Speech Pathology and Audiology major. Any student who falls into this category will be advised of this during a meeting with the department advisor and will be advised that to be re-enrolled into the Speech Pathology and Audiology major, students will need to re-enroll in the above three courses until a B average is achieved.

MAJOR IN SPEECH PATHOLOGY AND AUDIOLOGY

Speech Pathology Sequence:

- 45 hours in Communication Sciences and Disorders required.
- Required courses: CSD 155, 175, 215, 310, 316, 318, 319, 321, 332, 349, 350, 351, 352, 360.
- Professional Education requirements: C&I 210 or PSY 213; SED 101.

This is a pre-professional program designed to prepare students for practice in any setting. A master's degree in this field is needed to obtain the Type 73 School Services Personnel Certificate endorsed in Speech-Language Pathology, the Illinois License in Speech-Language Pathology, and the American Speech-Language-Hearing Association's Certificate of Clinical Competence. Copies of requirements for all of these credentials are available in the Department office. Clinical Experiences are obtained at the undergraduate and graduate levels.

CLINICAL EXPERIENCES

Clinical Experiences are provided at the Eckelmann-Taylor Speech and Hearing Clinic, in off-campus clinical teaching centers, in local schools, in campus laboratory schools, university classes, agencies and other approved non-school settings. In accordance with the American Speech Language Hearing Association, students must obtain a minimum of 25 clock hours of observation before beginning any clinical

practicum experiences. These clinical experience observation hours are acquired in various undergraduate courses.

Audiology Sequence:

- 39 hours required. **NOTE:** Because of prerequisites or lack of prior skill, this major may require more hours than indicated.
- Required Communication Sciences and Disorders courses: CSD 115, 155, 175, 215, 310, 318, 321, 332, 349, 350, 351, 352.

This is a preprofessional program designed to prepare students for graduate study in Audiology. Upon completion of the master's degree, the student will have completed the academic and clinical requirements for the American Speech-Language-Hearing Association's Certificate of Clinical Competence in Audiology. All Clinical Experiences are obtained at the undergraduate and graduate levels.

MINOR IN SPEECH PATHOLOGY AND AUDIOLOGY

- 21 hours required.
- Required courses: CSD 155, 175, 215, 310. Electives cannot include practicum courses.
- **NOTE:** Students taking this minor will not qualify in this area for Illinois or American Speech-Language-Hearing Association certification.

Assessment:

Majors in Speech Pathology and Audiology are expected to participate in the assessment process as one of the requirements for an undergraduate degree in this Department.

Communication Sciences and Disorders Courses

115 HUMAN VERBAL DEVELOPMENT

3 sem. hrs.

The study of human communication, including the anatomy and physiology of speech and hearing, with an emphasis on speech and language development in children and the role of caregivers in the acquisition process. Includes Clinical Experiences.

155 ANATOMY AND PHYSIOLOGY OF THE SPEECH AND HEARING MECHANISM

4 sem. hrs.

Anatomic and physiologic foundation of the speech and hearing mechanism. Current physiologic theory applied to etiology of speech and hearing disorders.

175 SPEECH AND LANGUAGE DEVELOPMENT

3 sem. hrs.

Comprehensive study of acquisition of speech and language by children. Emphasis on first 6 years. Includes Clinical Experiences: 5 hours, Type 1.

211 PHONETICS

3 sem. hrs.

Sound system of American speech. Standard and non-standard variations. Articulatory and acoustic considerations. Practice in transcribing and reading phonetic symbols. Includes Clinical Experiences: 5 hours, Type 1. Not for credit if had PAS 215.

215 CLINICAL PHONETICS**4 sem. hrs.**

Clinical application of the sound system of English. Phonological development. Characteristics and etiologies of articulation and phonological disorders. Includes Clinical Experiences: 4 hours, Type I. Not for credit if had PAS 211, 315. Prerequisite: CSD 155.

310 CLINICAL NEUROLOGY**4 sem. hrs.**

Study of neuroanatomy and physiology related to speech, language, and cognition. Aphasia, traumatic brain injury and right hemisphere disorder introduced. Formerly *NEUROBASIS OF SPEECH, LANGUAGE, HEARING*.

316 INTRODUCTION TO ORGANIC DISORDERS OF SPEECH**3 sem. hrs.**

Speech disorders related to respiratory-laryngeal and articulatory-resonance systems and includes both diagnostic and remedial procedures for these disorders. Includes Clinical Experiences: 5 hours, Type 1. Prerequisite: CSD 310.

318 PROFESSIONAL ISSUES IN SPEECH LANGUAGE PATHOLOGY AND AUDIOLOGY**3 sem. hrs.**

Professional attitudes, ethics, and organizations. Responsibilities in various professional settings. Program development and maintenance.

319 FOUNDATIONS OF SPEECH DISORDERS**3 sem. hrs.**

Etiology, characteristics, and development of stuttering and motor speech disorders. Introduction to intervention strategies. Includes Clinical Experiences: 2 hours, Type 1. Formerly *STUTTERING I*. Prerequisite: CSD 310.

321 INTRODUCTION TO LANGUAGE DISORDERS**4 sem. hrs.**

Introduction to the identification and remediation of language disorders in children and adolescents. Includes language analysis lab experiences. Includes Clinical Experiences: 5 hours, Type 1. Formerly *LANGUAGE PATHOLOGY*. Prerequisite: CSD 175.

332 THE CLINICAL PROCESS: EVALUATION AND TREATMENT**4 sem. hrs.**

Clinical principles and procedures for differential diagnosis and evaluation of communication disorders. Introduction to clinical techniques and management. Includes Clinical Experiences: 20 hours, Type 1. Not for credit if had PAS 330, 331. Prerequisites: CSD 321. Major only.

349 SPEECH AND HEARING SCIENCE**3 sem. hrs.**

Introduction to concepts, theories, and terminology required for an understanding of speech reception, auditory processing and speech production. Formerly *HEARING SCIENCE*. Prerequisites: CSD 155 or consent instructor.

350 INTRODUCTION TO AUDIOLOGY**3 sem. hrs.**

Principles of hearing measurement: sound, human ear, test methods, hearing losses, screening methods, test interpretation. Includes Clinical Experiences: 4 hours, Type 1. Prerequisite: CSD 349.

351 INTRODUCTION TO AURAL REHABILITATION TRAINING**3 sem. hrs.**

Principles of habilitation/rehabilitation of communication disorders related to hearing impairment. Visual/auditory speech signals. Amplification: function/use. Includes Clinical Experiences: 4 hours, Type 1. Prerequisites: CSD 350.

352 SIGNED ENGLISH FOR CLINICIANS**1 sem. hr.**

Introduction to Signed English for those who will provide therapy to children who are deaf or hard of hearing. Prerequisites: Major only, senior standing.

360 AUGMENTATIVE COMMUNICATION FOR NON-SPEAKING PERSONS**3 sem. hrs.**

Introduction to assessment, intervention strategies, technology and empirical research relative to non-speaking individuals. Includes Clinical Experiences: 5 hours, Type 1. Prerequisite: CSD 321.

370 WRITTEN LANGUAGE DEVELOPMENT**3 sem. hrs.**

The linguistic knowledge and processes that form the basis of written language skills will be emphasized. Prerequisites: CSD 175, senior standing, or consent of instructor.

375 CULTURAL DIVERSITY IN COMMUNICATION DISORDERS**3 sem. hrs.**

A multicultural perspective of communication disorders across the lifespan in order to provide culturally appropriate assessment and intervention. Prerequisite: Senior standing.

ECONOMICS (ECO)**420****425 Stevenson Hall, (309) 438-8625****Web address: Economics.IllinoisState.edu****Chairperson:** Neil Skaggs.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Ram.*Professors:* Goel, Mohammadi, Payne, Rich, Skaggs.*Associate Professors:* Billger, Carlson, Loomis, Waters, Zhang.*Assistant Professors:* Chen, Chupp, Dincer, Ohler, Schwalm.**General Department Information****Undergraduate Program Director:** J. Lon Carlson**Office:** Stevenson Hall 439-A**Academic Requirements:**

Majoring in Economics helps you develop important skills, including critical thinking and analytical reasoning. These general skills are valuable for any job or occupation. Thus, a degree in Economics provides you with the flexibility to adapt in a changing environment and take advantage of new opportunities. This flexibility is important because, if you are typical, you will change jobs or occupations about six times in your lifetime.

One of the main advantages of an Economics degree is the wide range of careers that are available to graduates.

Economics majors find jobs in a variety of settings, including private industry; federal, state, and local government; international organizations and education. Over the past several years, graduates of the Economics program at Illinois State University have pursued a variety of careers, including positions in entry-level business/management, sales, data processing, staff analysis and research, and teaching. An undergraduate degree in economics is also excellent preparation for students who plan to pursue graduate-level studies in economics, business, and law.

Besides providing flexibility in the job market, the Economics major provides you with flexibility in your academic career. Only 33 hours are required for the major and only 18 hours are required for the minor. Specific course requirements for the major and the minor are indicated below. The low number of hours required for the Economics major or minor gives you the flexibility to combine it with a major or minor in other disciplines to design your academic program to fit your life goals.

INTERDISCIPLINARY MINORS

The Department of Economics participates in interdisciplinary minors at the University. Course work offered by the Department contributes to the Minor in Urban Studies. For further information, please consult the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog*.

HONORS IN ECONOMICS

Candidates for honors must fulfill the general requirements for participation in the University Honors Program and must be Economics majors with a GPA of 3.30 overall and 3.75 or higher in Economics courses. Students will be expected to complete 6 hours of coursework designated as honors coursework within the Department of Economics. These could include ECO 105 honors, or 2 in-course honors at the 200- or 300-level. In-course honors requires individual negotiation with the faculty member teaching the course. In addition, the achievement of honors requires the writing of a substantial original paper. The student will enroll in Independent Honors Study and will receive help from an assigned faculty member. At the end of the semester the student will make an oral presentation of the paper. One copy of the original paper will be kept in the Department office and be available for inspection. Honors credit will show on the official transcript and will be stated on the diploma.

Economics Programs

Degrees Offered: B.A., B.S.

Admission Requirements:

Students will be admitted into the Economics department's programs from a pool of qualified applicants on the basis of individual qualifications. Students are admitted to the major or minor in Economics on a competitive and selective basis. The number of students admitted may vary from year to year depending on program capacity and qualifications of students in the pool. The Department of Economics reserves the right to maintain a balanced enrollment. For more information on admission to the Economics major go to www.econ.ilstu.edu/undergrad/curriculum.htm.

MAJOR IN ECONOMICS

General Economics Sequence:

- A minimum of 33 hours required.
- Required courses: ECO 105, 138, 238, 240, 241, 300 (to be taken concurrently with one 3-hour 300-level ECO course); MAT 121 or 145. (either ECO 148, GEO 138, MQM 100, POL 138, or PSY 138 may be substituted for ECO 138.)
- A grade of C or better must be earned in ECO 105, 138 (or approved substitute), 238, 240, 241, 300 and MAT 121 or 145.
- 3 elective Economics courses at the 200- or 300-level are required in addition to the required 3-hour 300-level course.
- A minimum of 15 senior hours in Economics courses must be completed at Illinois State University. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

Concentrations in the General Economics Sequence:

The General Economics Sequence is an excellent complement to a variety of other majors or customized sets of courses. Majors completing the General Economics Sequence may elect (but are not required to elect) one of the following concentrations. Although no specific courses are required for these concentrations, recommended courses for each are listed below:

1. **Electricity, Natural Gas, and Telecommunications Economics:** Economics electives: ECO 235, 236, 239, 320, and 335 plus ACC 131 and 132; ENG 249; and FIL 240, 242 and 347.
2. **Graduate School Preparation:** ENG 249; and MAT 146, 147, 175, 350 and 356.
3. **Human Resources:** Economics electives: ECO 225, 326, and 339 plus ENG 249; FIL 313; MQM 323 and 324; and PSY 230.
4. **International Economics:** Economic electives: ECO 245, 345 and 346 plus ENG 249; INB 190; MQM 350; POL 151 and proficiency in a foreign language.
5. **Pre-Law:** Economic electives: ECO 220, 235, 320 and 335 plus COM 202; ENG 249; FIL 185 and 209; and POL 215 and 318.
6. **Public Policy:** Economic electives: ECO 236, 255, 329, 340, 350, plus ENG 249; FIL 311; and POL 232, 312 and 318.

Managerial Economics Sequence

The Managerial Economics Sequence is designed for students who desire a more focused degree in Economics that combines the core skills in the discipline with a fundamental understanding of basic business tools including accounting, finance, and data management.

- A minimum of 48 hours required.
- Required courses: ECO 105, 138 (or approved substitute), 215, 238, 239, 240, 241, 245, 300 (to be taken concurrently with one 3-hour 300-level ECO course from the following: ECO 320, 326, 335, 339, 345, 346); ACC 131, 132; ITK 150, 208; FIL 240; MAT 121 or 145.

- A grade of C or better must be earned in each of the required courses.
- A minimum 2.50 GPA in the required courses in the sequence.
- A minimum of 15 senior hours in Economics courses must be completed at Illinois State University. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

MINOR IN ECONOMICS

- 18 hours in Economics required.
- Required course: ECO 105.
- MAT 121 or 145 may be, but are not required to be, used for 4 hours of credit toward the minor.
- ECO 103 may not be counted toward the minor.

MINOR IN ECONOMICS

For Teacher Education:

- Program requirements are the same as those for the Minor in Economics.

The Minor in Economics for Teacher Education does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

Economics Courses

103 INDIVIDUAL AND SOCIAL CHOICE MC-IS 3 sem. hrs.

Economic impacts of individual and social choices and their influence on social issues. Includes perspectives from other social sciences. May not be taken under the CT/NC option. Prerequisites: ENG 101 or COM 110 or concurrent registration.

105 PRINCIPLES OF ECONOMICS 4 sem. hrs.

Supply and demand in product and resource markets, international trade, determination of GDP, employment, inflation and economic growth. Not for credit if had ECO 101 and 102.

138 ECONOMIC REASONING USING STATISTICS MC-QR 3 sem. hrs.

Introduction to descriptive and inferential statistics with applications in economics. Includes the use of statistical software package on laboratory computers. May not be taken under CT/NC option. Formerly *SOCIAL SCIENCE REASONING USING STATISTICS*. Not for credit if had GEO 138, POL 138, PSY 138 or MQM 100. Prerequisites: MAT 120, 130, or 145.

202 CURRENT ECONOMIC ISSUES 3 sem. hrs.

Application of introductory principles to world economic problems, such as energy, pollution, poverty and unemployment. Prerequisites: ECO 101 and 102, or 105.

205 ECONOMIC DEVELOPMENT AND GROWTH 3 sem. hrs.

Historical and current determinants of economic development. Problems associated with generating and accelerating economic growth in less developed countries. Formerly *DEVELOPMENT ECONOMICS*. Prerequisites: ECO 105.

210 COMPARATIVE ECONOMIC SYSTEMS 3 sem. hrs.

Comparative analysis of several types of economic systems. Discussion of alternative models of economic decision-making. Case studies of such economies as China, Japan, South Africa, Sweden, Russia, and Yugoslavia. Prerequisites: ECO 101 and 102, or 105.

215 MONEY AND BANKING 3 sem. hrs.

Development and growth of the monetary system. Emphasis on monetary theory and applied policy issues. Prerequisites: ECO 101 and 102, or 105.

220 LAW AND ECONOMICS 3 sem. hrs.

Overview of economic analysis of topics in the common law including property, contract, tort and criminal law. Prerequisites: ECO 101 or 105.

225 LABOR ECONOMICS AND LABOR PROBLEMS 3 sem. hrs.

Economic aspects of labor and trade unionism. Emphasis on wage determination, bargaining, manpower and unions. Prerequisites: ECO 101 and 102, or 105.

230 ECONOMICS OF DIFFERENCE: GENDER, ETHNICITY, AND BEYOND 3 sem. hrs.

Differences in economic opportunities and outcomes, including the role of systems, institutions, culture, and preferences. Prerequisite: ECO 105.

235 TELECOMMUNICATIONS ECONOMICS AND PUBLIC POLICY 3 sem. hrs.

Introduction to economics and public policy issues confronting the telecommunications industry, including legal aspects, standards, privacy and security issues. Prerequisites: ECO 101 or 105.

236 ECONOMICS OF ENERGY AND PUBLIC POLICY 3 sem. hrs.

Economic analysis of the production, distribution and use of energy with special emphasis on alternative and renewable energy sources. Prerequisites: ECO 101 and 102, or 105.

238 USING REGRESSION AND ECONOMETRIC METHODS 3 sem. hrs.

Non-theoretical study of the basic concepts of regression analysis and econometrics which emphasizes real-world applications, statistical computing, and learning-by-doing. Formerly *USING ECONOMETRICS*. Prerequisites: ECO 101 and 102 or 105, and 1 of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or ECO 148 or MQM 100.

239 MANAGERIAL ECONOMICS**3 sem. hrs.**

Theoretical and applied study of demand, cost, and production related to the theory of the firm. Developments of current interest; empirical studies intended to affirm or disaffirm applicability of economic principles. Prerequisites: ECO 101 or 105. MAT 121 or 145 required; and 1 of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or ECO 148 recommended.

240 INTERMEDIATE**MICROECONOMIC THEORY****3 sem. hrs.**

Emphasis on topics regarding resource allocation, scarcity, and distribution of income; theory of consumer choice, theory of the firm, market structures, factor markets, distribution of income, welfare economics, and general equilibrium. Prerequisites: ECO 101 or 102, or 105; and one of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or ECO 148 or MQM 100; and MAT 121 or 145.

241 INTERMEDIATE**MACROECONOMIC THEORY****3 sem. hrs.**

Theory of income, employment, interest rate and price level determination. The government's influence on these variables via monetary and fiscal policies. Prerequisites: ECO 101 and 102, or 105; and one of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or ECO 148 or MQM 100; and MAT 121 or 145.

245 THE INTERNATIONAL ECONOMY**3 sem. hrs.**

Economic aspects of international issues and problems. Analysis of international trade, trade restrictions, exchange rates and the balance of payments. Prerequisites: ECO 101 and 102, or 105.

255 INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS**3 sem. hrs.**

Overview of natural resource and environmental economics. Topics include management of renewable and nonrenewable resources and the economically efficient approach to pollution control. Prerequisites: ECO 101 or 105.

300 SENIOR PROJECT**1 sem. hr.**

Involves independent out-of-class work on a project designed in consultation with the instructor in the concurrent 300-level course. Prerequisites: ECO 240 and 241. To be taken concurrently with a 300-level Economic course.

320 INDUSTRIAL ORGANIZATION**3 sem. hrs.**

Theoretical and empirical analysis of basic influences on industrial markets and performances. Market practices, the role of competition, and related policy issues. Prerequisite: One 200-level ECO course.

326 ECONOMICS OF HUMAN RESOURCES**3 sem. hrs.**

Theoretical and empirical analysis of labor markets. Education and training, labor mobility, wage structure, discrimination, unemployment, wage and incomes policies. Prerequisites: ECO 225 or 240.

329 ECONOMICS ISSUES IN EDUCATION**3 sem. hrs.**

Analysis of economic issues in education including efficiency and equity, public vs. private provision of educational services, and education as human capital. Prerequisite: ECO 225 or 240.

335 ECONOMICS OF REGULATION AND ANTITRUST**3 sem. hrs.**

The origins, aims, methods, and effects of economic regulation and antitrust, with an emphasis on case studies. Prerequisite: ECO 239 or 240.

339 ORGANIZATIONAL ECONOMICS**3 sem. hrs.**

Economic analysis of firm boundaries, make or buy decisions, incentive contracts and supply relationships, repeated interaction and reputations, organizational structure and related management applications. Prerequisite: ECO 239 or 240.

340 HEALTH ECONOMICS AND POLICY**3 sem. hrs.**

Study the production of health care and the market forces that act on individuals, providers, institutions, and policy design. Prerequisite: ECO 240.

345 INTERNATIONAL TRADE**3 sem. hrs.**

Causes and consequences of international trade. Analysis of tariffs, quotas, other trade restrictions, current trade policy and multinational corporations. Prerequisite: ECO 240 or 245.

346 INTERNATIONAL FINANCE**3 sem. hrs.**

Mechanisms of international payments and evaluation of the international monetary system. Topics include exchange rates, balance of payments, international monetary cooperation, and connections between the domestic and international economy. Prerequisite: ECO 241 or 245.

350 PUBLIC FINANCE**3 sem. hrs.**

Analysis of the economic impacts of government expenditures and taxes on the allocation of resources and the distribution of income. Prerequisite: One 200-level ECO course.

353 REGRESSION AND TIME SERIES ANALYSIS**4 sem. hrs.**

Regression and time series methods for business and economic applications, including exponential smoothing and Box-Jenkins methods. Computer statistical package used. Also offered as MAT 353. Formerly *ANALYSIS OF TIME SERIES*. Prerequisites: C or better in MAT 351 or equivalent or consent instructor.

360 HISTORY OF THE AMERICAN ECONOMY**3 sem. hrs.**

Recent empirical studies and applications of economic theory to historical problems in an American context. Causes of the Great Depression, economics of slavery, and roles of agriculture, industry, and government in growth. Prerequisites: Two 200-level ECO courses or consent instructor.

372 HISTORY OF ECONOMIC THOUGHT**3 sem. hrs.**

Economic analysis from the Mercantilists to the American Institutionalists. Relates earlier schools of thought to the contemporary. Prerequisites: Two 200-level ECO courses or consent instructor.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ECONOMIC RESEARCH**1-6 sem. hrs.**

On-the-job experience as a practicing economist in private industry or government. Interns may be involved in all phases and types of economic research. CR/NC only; not for credit major/minor; must complete department application. Prerequisites: ECO major/minor and consent department Professional Practice Coordinator; 2.20 GPA, and 50 hours credit.

ENGLISH (ENG)**424****409 Stevenson Hall, (309) 438-3667****Web address: English.IllinoisState.edu****Chairperson:** Joan Mullin.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Shields, White.

Professors: Brasseur, Broad, Coats, Cruz, DeSantis, Huff, Hunt, Kalmbach, McLaughlin, Mullin, Neuleib, Saunders, Savage, Susina, Thompson, Trites.

Associate Professors: Breu, Burt, Demirci, Dykstra, Fleisher, Gudding, Jung, Justice, Kalter, Kim, McBride, op de Beeck, Ressler, Smith, Walker, Zona.

Assistant Professors: Ball, Haas, Harris, Hochstetler, Kang, Manavalli, Patterson, Robillard.

General Department Information**INTERDISCIPLINARY MINORS**

The Department of English participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African-American Studies, Children's Studies, Cognitive Science, Ethnic Studies, International Studies, Middle Eastern and South Asian Studies, Native American Studies, and Women's and Gender Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN ENGLISH

The Department of English offers honors work to qualified students. Honors work includes intensive study in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report and/or examination. Honors work is open only to resident students who have achieved superior academic records and who have demonstrated the ability to profit from independent study.

English Programs

Degree Offered: B.A. (All English majors and students in the Teacher Certification Sequence)

Admission to the English major may be affected and restricted by the lack of available Department resources in times of oversubscription.

MAJOR IN ENGLISH

- 40 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with a grade of C or better, 102 and 300.
- 3 hours selected from: ENG 283, 284, 285, 286.
- 3 hours of British literature selected from: ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from: ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.
- 3 hours in language and linguistics selected from: ENG 241, 243, 245, 310, 311, 341, 342.
- 3 hours in advanced writing selected from: ENG 246, 247, 248, 249.
- Of the remaining 18 hours, at least 12 hours of electives at the 200- through 300-level. Students should consult an English Department Academic Advisor in choosing their electives.

Publishing Studies Sequence:

This program is designed to prepare graduates for careers in academic, commercial, digital, literary, nonprofit, or technical publishing.

- 2.75 GPA in English courses taken at Illinois State University required.
- 52 hours required.
- 19 hours in English core: ENG 100 with a grade of C or better, ENG 102 and 300; 6 hours selected from ENG 283, 284, 285, or 286; 3 hours selected from British Literature courses; and 3 hours selected from American Literature courses.
- 18 hours of foundational courses: ENG 247, 249, 254, 353, and 354; 3 hours from either ENG 350 or 351.
- 6 hours advanced courses selected from: ENG 355, 356, or 357.
- 6 hours ENG 398.
- 3 hours selected from any 300-level English course.

Teacher Certification Sequence:

- To graduate in the English Major.
- Admission to the English Teacher Certification Sequence is limited and is based on space availability and competitiveness of the applicant.
- A 3.00 GPA in the major, a grade of C or better in all required major courses, and adherence to all application procedures and deadlines is required for admission to

Professional Studies and Student Teaching. Deadlines and information about application forms and procedures for admission to Professional Studies and Student Teaching are available from the Council for Teacher Education and on the English Department website and are strictly enforced.

- 46 hours in English required, *exclusive* of ENG 101.
- Completion of entitlement program leading to certification: secondary 6-12.
- Required courses for certification and accreditation: ENG 243, 246, 283, 296, and 297. ENG 296 and 297 must be completed with a C or better; these courses include 25 clock-hours of state-mandated pre-student teaching Clinical Experiences.
- Additional required courses: ENG 100 with a grade of C or better, ENG 102 and 300.
- 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.
- 3 hours in language and linguistics selected from ENG 241, 310.
- 3 hours in non-Western literature selected from ENG 206, 255, 261, 266, 352, 374.
- 3 hours in adolescent literature: ENG 375.
- Of the remaining 9 hours of electives, 6 must be completed at the 200- through 300-level. Students should select their electives in consultation with the English Education Advisor. ENG 227 is *strongly recommended* for students who have not taken a high school or community college course in creative writing.

MINOR IN ENGLISH

- 18 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: 3 hours of literature selected from ENG 110, 130, 150; 3 hours of writing selected from ENG 246, 247, 248, 249, 347, 349; 3 hours of language selected from ENG 241, 243, 244, 245, 310, 341, 342; 9 hours of electives selected from ENG 160, 165, 229, 250, 251, 260, 261, 271, 272, 308, 360, 365, 370 (courses that were not selected from the literature, writing, or language course lists can also serve as electives).
- At least 12 of the 18 hours must be at the 200- through 300-level.

MINOR IN ENGLISH

For Teacher Education:

- 24 hours in English required, *exclusive* of ENG 101.
- 2.50 GPA in all English courses taken at Illinois State University.
- Required courses: 6 hours in literature: ENG 229 and 3 hours from ENG 110, 130, 150; 6 hours in writing: ENG 145, 246; 3 hours in language: ENG 243.

- 9 hours of electives from: ENG 160, 165, 241, 244, 245, 247, 248, 249, 250, 251, 260, 261, 271, 272, 308, 310, 341, 342, 347, 349, 360, 365, 370 (courses not selected from the literature, writing, or language course lists can also serve as electives).
- At least 15 of the 24 hours must be at the 200- through 300-level.

The Minor in English for Teacher Education does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

MINOR IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

Students enrolling in this program must have at least 2 years of a foreign language or equivalent at the college level in the case of a native speaker of English, or demonstrated proficiency in English at a level commensurate with the student's role as a language model and instructor in the case of a non-native speaker of English.

- 18 hours required.
- Required courses: ENG 341, 343, 344, 345, and 346; 3 hours selected from ENG 241, 243, 310, 342, 440, and COM 370.
- Elective practicum ENG 394.

Approval Certificate in Teaching English as a Second Language:

Students of both graduate and undergraduate standing may obtain an Illinois State Approval for Teaching English as a Second Language by fulfilling the following requirements: (1) fulfill Teacher Education Certification requirements of either the Standard Elementary and/or High School Certificate, (2) complete the 18 hours of required coursework as listed in the minor in TESOL above, and (3) obtain 100 clock hours of ESL Clinical Experience or 3 months of teaching experience in English as a Second Language at the appropriate level. This practical experience may be obtained by enrolling in ENG 394.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings.

All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN WRITING

Courses taken for the Writing Minor may not count for the English Major.

- 24 hours required.
- 6 hours selected from ENG 246, 247, 249.
- 6 hours selected from one of the following areas:
Creative Writing: ENG 347.01, 347.02, 348.
Rhetoric and Composition: ENG 145, 243, 244, 248, 283, 391, 392. Technical Writing: ENG 349, 350, 351, 353.
- 9 hours of electives in writing. May include any of the above courses, ENG 398, and up to six hours in writing courses from other departments: COM 165, 166, 265, 268, 269, 321, 385.
- ENG 396.

English Courses

The courses offered by the Department of English fall into three categories: those for the General Education Program, those for major and minor fields, and those for specialized aspects in English. English 101 is required of all students for the General Education Program, and it is strongly recommended that students take 101 before taking further courses in English.

100 INTRODUCTION TO ENGLISH STUDIES**3 sem. hrs.**

Reading and writing in English, an introduction to the various sub-disciplines of English. Prerequisite: English major only. Concurrent registration in ENG 102.

101 COMPOSITION AS CRITICAL**INQUIRY****IC****3 sem. hrs.**

Rhetorical approach to writing, taught through extensive collaborative drafting, revising, and editing. Emphasis on critical reading and analysis. Computer-assisted. Not for credit major/minor. May not be taken under the CT/NC option. Formerly *COMPOSITION AND CRITICAL INQUIRY*.

102 INTRODUCTION TO ENGLISH STUDIES PROSEMINAR**1 sem. hr.**

A structured proseminar designed to introduce students to the complex intellectual and professional aspects of the degree in English Studies. CR/NC only. Prerequisite: Concurrent registration in ENG 100.

110 ENGLISH LITERATURE AND ITS CONTEXTS**OC-H****3 sem. hrs.**

A historical study of the main movements in English literature. Readings of entire works representative of the movements. Formerly *BRITISH LITERATURE AND ITS CONTEXTS* and *SURVEY OF ENGLISH LITERATURE*. Prerequisites: ENG 101; COM 110.

124 FILM STYLE AND LITERATURE**MC-LH****3 sem. hrs.**

An introduction to the analysis of films and their literary components through an application of specialized terms and concepts. Not for credit if had ENG 107. Formerly ENG 189.61. Prerequisites: ENG 101.

125 LITERARY NARRATIVE**MC-LH****3 sem. hrs.**

Critical reading and analysis of a variety of literary narratives that reflect on human experience. May not be taken under the CT/NC option. Also offered as LAN 125. Not for credit major/minor. Prerequisites: ENG 101; COM 110 or concurrent registration.

128 GENDER IN THE HUMANITIES**MC-LH****3 sem. hrs.**

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures. May not be taken under the CT/NC option. Also offered as COM/LAN 128. Prerequisites: ENG 101; COM 110 or concurrent registration.

130 SURVEY OF AMERICAN LITERATURE**3 sem. hrs.**

A historical study of the main movements in American literature. Readings of entire works representative of the movements.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS**MC-UST****3 sem. hrs.**

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art. May not be taken under the CT/NC option. Also offered as HIS 131. Not for credit major/minor. Prerequisites: ENG 101 or COM 110 or concurrent registration.

143 UNITY AND DIVERSITY IN LANGUAGE**OC-SS****3 sem. hrs.**

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities. Also offered as ANT/LAN 143. Prerequisite: Completion of Inner Core.

145 WRITING IN THE ACADEMIC DISCIPLINES**3 sem. hrs.**

Introduction to research-based writing for multiple academic audiences. Computer-assisted. Formerly *LANGUAGE AND COMPOSITION II*. Prerequisite: ENG 101.

150 WORLD LITERATURE TO 14TH CENTURY OC-H
3 sem. hrs.

Readings in ancient and medieval literature, including Dante. Formerly *MASTERPIECES OF WORLD LITERATURE TO 1350*.

160 INTRODUCTION TO STUDIES IN WOMEN'S WRITING
3 sem. hrs.

Readings in a variety of genres and historical periods. Formerly *WOMEN IN LITERATURE*.

165 INTRODUCTION TO AFRICAN-AMERICAN LITERATURE AND CULTURE
3 sem. hrs.

Selected topics in African-American literature and culture. Formerly *AFRICAN AMERICAN LITERATURE*.

170 FOUNDATIONS IN LITERATURE FOR CHILDREN
3 sem. hrs.

Introduction to genres of children's literature, including mythologies, fairy tales, picture books, poetry, and historical, multicultural, and current prose.

201 SPECIALIZED KNOWLEDGE AND INTEGRATIVE CONTEXTS IN ENGLISH STUDIES
3 sem. hrs.

Study of a specialized topic (a writer, a literary form, a concept in linguistics or in writing, etc) from several disciplinary perspectives within English Studies. May repeat if content differs. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA OC-H
3 sem. hrs.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern. Also offered as LAN 206. Prerequisites: ENG 101; COM 110; MC-IS category. WGS 120 recommended.

213 MEDIEVAL STUDIES
3 sem. hrs.

Literature written in English from the 8th century to the 15th. Formerly *MEDIEVAL ENGLISH LITERATURE AND CULTURE*. Prerequisites: ENG 100 with a grade C or better, ENG 102, or consent of instructor.

214 EARLY MODERN STUDIES
3 sem. hrs.

Studies of texts in a variety of genres from the 16th and 17th centuries. Formerly *LITERATURE OF THE ENGLISH RENAISSANCE*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

216 STUDIES IN EIGHTEENTH CENTURY ENGLISH LITERATURE
3 sem. hrs.

Selected writers and genres from the restoration of Charles II to the crown in 1660 to the beginnings of Romanticism. Formerly *BRITISH LITERATURE OF THE EIGHTEENTH CENTURY*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

217 STUDIES IN ROMANTICISM
3 sem. hrs.

Studies of texts from the Romantic period. Formerly *BRITISH LITERATURE OF THE ROMANTIC PERIOD*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

218 STUDIES IN THE VICTORIAN PERIOD
3 sem. hrs.

Studies of texts from the 19th century. Formerly *BRITISH LITERATURE OF THE VICTORIAN PERIOD*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

219 STUDIES IN CONTEMPORARY ENGLISH LITERATURE
3 sem. hrs.

Studies in texts written in English from the Contemporary period. Formerly *CONTEMPORARY BRITISH LITERATURE*. Prerequisites: 100 with a grade of C or better, ENG 102, or consent of instructor.

222 STUDIES IN SHAKESPEARE
3 sem. hrs.

Selected readings with emphasis on the relationship between the author, the text, and the larger culture. Formerly *SHAKESPEARE'S EARLIER WORKS*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

227 INTRODUCTION TO CREATIVE WRITING
3 sem. hrs.

Opportunity for creative writing of various kinds, such as poetry, fiction, and nonfiction.

229 INTRODUCTION TO LITERARY GENRES OC-H
3 sem. hrs.

Formal and historical study of literary genres—poetry, drama, prose narrative—as structures of knowledge. Not for credit Major. Prerequisites: ENG 101; COM 110; MC-LH category.

231 AMERICAN LITERATURE: 1607-1830
3 sem. hrs.

Colonial American writers from the beginnings of American literature through the early national period. Prerequisites: Grade of C or better in ENG 100; ENG 102, or consent instructor.

232 AMERICAN LITERATURE: 1830-1870
3 sem. hrs.

Main figures and movements of mid-19th century American literature. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

233 AMERICAN LITERATURE: 1870-1920
3 sem. hrs.

Major trends in American literature from the Reconstruction Era and Indian Wars period until World War I. Prerequisites: ENG 100 with a grade C or better, ENG 102, or consent of instructor.

234 AMERICAN LITERATURE: 1920-1945
3 sem. hrs.

Trends in American literature between the World Wars. Prerequisites: ENG 100 with a C or better, ENG 102, or consent of instructor.

236 AMERICAN LITERATURE: 1945-PRESENT**3 sem. hrs.**

Present-day trends in American literature. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

239 MULTIMODAL COMPOSITION**3 sem. hrs.**

Workshop emphasizing rhetorical analysis and composition of digital texts in a variety of modes including graphics, typography, audio, video, animation. May be repeated; maximum 6 hours. Formerly ENG 289.22 *MULTIMEDIA WRITING WORKSHOP*. Prerequisite: ENG 101.

241 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE**3 sem. hrs.**

An introduction to the history of English designed to help students understand language change and the emergence of contemporary English.

243 THE GRAMMATICAL STRUCTURE OF ENGLISH**3 sem. hrs.**

Linguistic description of present day American English, focusing on morphology and syntax. Formerly *TRADITIONAL AND NON-TRADITIONAL GRAMMARS*.

244 APPLIED GRAMMAR AND USAGE FOR WRITERS**3 sem. hrs.**

Traditional, structural, and transformational grammars applied to needs of writers. Choosing among alternative grammatical strategies. Usage; semantics of punctuation. Revising. Prerequisites: Grade of C or better in ENG 100 or 145.

245 SEMANTICS**3 sem. hrs.**

The nature of meaning and the functions of language.

246 ADVANCED EXPOSITION**3 sem. hrs.**

Extensive writing of essays developed in greater depth and sophistication in subject matter than those written in previous writing courses. Computer-assisted. Prerequisites: C or better in ENG 100 or 145.

247 INTERMEDIATE CREATIVE WRITING**3 sem. hrs.**

Workshop in the genre, with critical examination of its conventions. Topics offered: .01, Poetry; .02, Fiction; .03, Nonfiction. May repeat if topic differs. Formerly *CREATIVE WRITING*. Prerequisites: C or better in ENG 227 or junior/senior standing; or consent instructor.

248 LEGAL WRITING**3 sem. hrs.**

Study of the rhetoric of legal writing and the role of written communication within the legal profession. Prerequisite: ENG 101.

249 TECHNICAL AND PROFESSIONAL WRITING I**3 sem. hrs.**

Introduction to technical and professional writing. Includes study of manuals, reports, proposals, audience analysis, formatting, and style. Materials charge optional. Prerequisite: ENG 101.

250 LITERATURE OF THE BIBLE I OC-H**3 sem. hrs.**

Major ideas and literary forms of the Hebrew Bible/Christian Old Testament. Prerequisites: Completion of Inner Core, and MC-LH category.

251 LITERATURE OF THE BIBLE II OC-H**3 sem. hrs.**

Major ideas and literary forms of the Christian Bible (New Testament) and Apocrypha. Prerequisites: Completion of Inner Core, and MC-LH category.

252 GLOBAL LITERATURE TO 1800**3 sem. hrs.**

Comparative study of significant texts of global literature prior to 1800. Formerly *WORLD LITERATURE TO 1800*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

254 INTRODUCTION TO PROFESSIONAL PUBLISHING**3 sem. hrs.**

Study and practice of editorial, production, printing, and marketing processes involved with producing a book or journal. Computer assisted. Materials charge optional. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor, and B or better in ENG 101.

255 MODERN GLOBAL LITERATURE: 1800-PRESENT**3 sem. hrs.**

Comparative study of significant texts of modern global literature. Formerly *MODERN WORLD LITERATURE: 1800-PRESENT*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

260 HISTORY OF LITERATURE BY WOMEN**3 sem. hrs.**

A historical overview of writing by women. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

261 WOMEN'S LITERATURE IN A GLOBAL CONTEXT OC-H**3 sem. hrs.**

Literature by women of diverse ethnicities to examine varieties of texts and their cultural construction. Prerequisites: ENG 101; COM 110; MC-LH category.

265 FOUNDATIONS OF AFRICAN-AMERICAN LITERATURE AND CULTURE**3 sem. hrs.**

Concepts, themes, generic conventions, and major historical events and figures central to African-American literature and culture. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor.

266 NATIVE AMERICAN LITERATURE AND CULTURE**3 sem. hrs.**

Study of Native American literature, orality, and culture. Prerequisites: ENG 100 with a C or better, ENG 102, or consent of instructor.

267 FOUNDATIONS OF U.S. LATINO/A LITERATURES AND CULTURES**3 sem. hrs.**

Concepts, themes, genre conventions, and major historical events and figures significant in U.S. Latino/a literatures and cultures. Prerequisites: ENG 100 with a grade C or better, ENG 102, or consent of instructor.

271 LITERATURE FOR YOUNG CHILDREN**3 sem. hrs.**

Analysis of works written for children ages 5 to 9, including multicultural picture books, fairy tales, poetry, and chapter books. Does not repeat material of ENG 170.

272 LITERATURE FOR MIDDLE GRADES**3 sem. hrs.**

Analysis of works written for children ages 9 to 13, including multicultural novels and information books, children's media, and culture. Does not repeat material of ENG 170. Formerly *LITERATURE FOR PRE-ADOLESCENTS*.

283 RHETORICAL THEORY AND APPLICATIONS**3 sem. hrs.**

Critical and analytical examination of the nature and historical development of rhetorical theory and its applications to contemporary discourse. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor. ENG major only.

284 POETRY**3 sem. hrs.**

Critical and analytical examination of the nature and historical development of poetry. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor. ENG major only.

285 DRAMA**3 sem. hrs.**

Critical and analytical examination of the nature and historical development of drama as a genre. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor. ENG major only.

286 PROSE**3 sem. hrs.**

Critical and analytical examination of the nature and historical development of prose literature—fiction and non-fiction. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of instructor. ENG major only.

290 LANGUAGE ARTS**3 sem. hrs.**

Study of language acquisition and research in critical thinking, listening, speaking, writing, vocabulary development, usage, and spelling for children.

295 TEACHING LITERATURE AND WRITING IN THE MIDDLE SCHOOL**3 sem. hrs.**

Surveys recent scholarship on composition and literary theory and examines implications for teaching literature and writing at the middle school level. Computer assisted. Not to be taken by English Education major without permission.

296 THE TEACHING OF LITERATURE**3 sem. hrs.**

Examines current scholarship in the teaching of literature at the secondary level; integrates theories of teaching literature with teaching practice. Includes Clinical Experiences: 10 hours, Type 1-5 and 9. Prerequisites: Admission to Professional Studies; C or better in C&I 216; Completion of one of the following: ENG 110, 213, 214, 216, 217, 218, 219, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388; and one of the following: ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.

297 THE TEACHING OF WRITING**3 sem. hrs.**

Examines current scholarship in the teaching of writing at the secondary level; integrates theories of teaching writing with teaching practice. Includes Clinical Experiences: 15 hours, Type 1-5 and 9. Prerequisites: Grade of C or better in ENG 243, 246, 296. Admission to Professional Studies.

300 SENIOR SEMINAR**3 sem. hrs.**

Capstone course for English majors, synthesizing the main dimensions of English studies. Requires senior project and portfolio. Prerequisites: Grade of C or better in ENG 100; ENG 102; English major, senior standing and consent of instructor.

308 LITERATURE AND THE RELATED ARTS**3 sem. hrs.**

Formal, aesthetic, and cultural relationships among literature, art, music, drama, film, and other related arts. Prerequisites: Junior/senior standing or consent of instructor.

310 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE**3 sem. hrs.**

Development of the English language from the Old English period to the present. Prerequisites: Junior/senior standing or consent of instructor.

311 INTRODUCTION TO OLD ENGLISH LANGUAGE AND LITERATURE**3 sem. hrs.**

Elements of Old English grammar, with selected readings in Old English literature. Prerequisites: Junior/senior standing or consent of instructor.

320 CHAUCER**3 sem. hrs.**

Literary and linguistic study of the major works of Chaucer; text in Middle English. Prerequisites: ENG 100 with a grade of C or better, ENG 102, junior/senior standing; or consent of instructor.

324 MILTON**3 sem. hrs.**

Poetry and prose of John Milton. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent of instructor.

325 ENGLISH DRAMA BEFORE 1642**3 sem. hrs.**

English drama from its beginning to the closing of the theatres. Prerequisites: ENG 100 with a grade of C or better, ENG 102, junior/senior standing; or consent of instructor.

327 RESTORATION AND EIGHTEENTH-CENTURY DRAMA**3 sem. hrs.**

English drama from the opening of the theatres in 1660 to the turn of the nineteenth century. Prerequisites: ENG 100 with a grade of C or better, ENG 102, junior/senior standing; or consent of instructor.

328 MODERN ENGLISH DRAMA**3 sem. hrs.**

20th-century drama written in English and related criticism. Formerly *MODERN BRITISH AND AMERICAN DRAMA*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, junior/senior standing; or consent of instructor.

329 SELECTED FIGURES IN ENGLISH LITERATURE**3 sem. hrs.**

Topics in specific literary figures, genres, or movements. May repeat if content differs. Formerly *SELECTED FIGURES IN BRITISH LITERATURE*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, junior/senior standing; or consent of instructor.

332 SELECTED FIGURES IN AMERICAN LITERATURE**3 sem. hrs.**

Topics in literary figures, genres, or movements. May repeat if content differs. Prerequisites: C or better in ENG 100; ENG 102, and junior/senior standing; or consent instructor.

336 THE AMERICAN NOVEL**3 sem. hrs.**

Historical survey of major American novelists, including authors such as Twain, Hawthorne, Melville, Crane, Hemingway, Faulkner, and Barth. May repeat if content differs; maximum 6 hours. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

341 INTRODUCTION TO DESCRIPTIVE LINGUISTICS**3 sem. hrs.**

Aims and methods of linguistic science. Nature and functions of language: phonology, morphology, syntax, variation. Prerequisites: Junior/senior standing or consent instructor.

342 SOCIOLINGUISTICS**3 sem. hrs.**

Social significance of language variation: regional, social, ethnic dialects; attitudes toward variation. Multilingual societies, language choice, language shift, language planning. Also offered as ANT 342. Prerequisites: Junior/senior standing or consent instructor.

343 CROSS-CULTURAL ISSUES IN TESOL**3 sem. hrs.**

The relationship between language, culture, and cultural awareness in the learning and teaching of English as a Second Language. Prerequisites: ENG 241 or 243 or 341. Junior/senior standing or consent instructor.

344 TESOL: THEORETICAL FOUNDATIONS**3 sem. hrs.**

Linguistic theories; first and second language acquisition; cognitive, affective, and cultural factors in teaching English as a Second Language. Prerequisites: ENG 243 or 341. Junior/senior standing or consent instructor.

345 TESOL: METHODS AND MATERIALS**3 sem. hrs.**

Methodologies and techniques for teaching English as a Second Language; evaluation of materials for various levels and instructional goals. Includes Clinical Experiences. Prerequisites: ENG 344. Junior/senior standing or consent instructor.

346 ASSESSMENT AND TESTING IN ESL**3 sem. hrs.**

Assessing oral and written proficiency in English as a Second Language. Prerequisites: ENG 341. Junior/senior standing or consent instructor.

347 ADVANCED CREATIVE WRITING**3 sem. hrs.**

Workshop format for individual projects; related theory. Topics: .01, Poetry; .02 Prose; .03, Creative Nonfiction. May repeat if content differs. Prerequisites: ENG 247 or graduate standing. Junior/senior standing or consent instructor.

348 PLAYWRITING**3 sem. hrs.**

Playwriting techniques of selected masters with practical application of techniques in writing original plays. Also offered as THE 348.

349 TECHNICAL AND PROFESSIONAL WRITING II**3 sem. hrs.**

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Computer-assisted. Also offered as TEC 349. Materials charge optional. Prerequisites: ENG 249 or graduate standing. Junior/senior standing or consent instructor.

350 VISIBLE RHETORIC**3 sem. hrs.**

Document design as a rhetorical activity and the application of theories of visible rhetoric to document production. Computer-assisted. Materials charge optional. Prerequisites: Junior/senior standing; ENG 239, 246, 247, or 249 or consent instructor.

351 HYPERTEXT**3 sem. hrs.**

Workshop using digital technologies to compose complex, multimodal, web-based texts for a variety of rhetorical situations. Computer-assisted. Materials charge optional. Prerequisites: Junior/senior standing; ENG 239, 246, 247, or 249 or consent instructor.

352 SELECTED FIGURES IN GLOBAL LITERATURE**3sem. hrs.**

Studies in literary figures, genres, or movements. May repeat if content different. Formerly *SELECTED STUDIES IN WORLD LITERATURE*. Prerequisites: ENG 100 with a grade of C or better, ENG 102, junior/senior standing; or consent instructor.

353 TECHNICAL EDITING**3 sem. hrs.**

Theory and practice of editing and management of documentation in industry and other organizational settings. Computer assisted. Prerequisites: ENG 244 or COM 166; junior/senior standing; or graduate status or consent of instructor.

354 LITERARY PUBLISHING IN THEORY AND PRACTICE**3 sem. hrs.**

Focus on issues that have shaped contemporary literary publishing. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

355 FORENSIC BIBLIOGRAPHY AND ARCHIVAL EDITING**3 sem. hrs.**

History of print culture from orality to digital text; introduction to principles and practices of bibliographic investigation and scholarly editing. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

356 PROPOSAL WRITING IN THE ARTS AND HUMANITIES**3 sem. hrs.**

Rhetorical and economic principles of proposal writing in the arts and humanities, including analyzing CFPs and researching and writing proposals. Prerequisites: C or better in ENG 246, 247, 248, or 249; Junior/senior standing or graduate standing or consent instructor.

357 THEORIES OF CREATING WRITING GENESIS**3 sem. hrs.**

Survey of theories creative writers explicitly and implicitly employ and consider. Includes editing, analysis, and writing of creative and theoretical texts. Prerequisites: B or better in any 200-level writing course; junior/senior standing; or graduate standing; or consent instructor.

360 STUDIES IN WOMEN'S WRITING**3 sem. hrs.**

Studies in and theories of women's writing. May repeat if content differs; maximum 6 hours. Formerly *STUDIES IN WOMEN AND LITERATURE*. Prerequisites: Junior/senior standing or consent instructor.

365 MOVEMENTS AND PERIODS IN AFRICAN-AMERICAN LITERATURE AND CULTURE**3 sem. hrs.**

Advanced critical study of major movements and periods in African-American literature. May repeat if content different. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

367 CREATIVE WRITING PEDAGOGY**3 sem. hrs.**

Theory and practice of teaching creative writing at high school and university levels, including design of courses and assignments. Prerequisites: B or better in ENG 227 and junior/senior standing; or graduate standing; or consent of instructor.

370 STUDIES IN THE HISTORY OF LITERATURE FOR YOUNG PEOPLE**3 sem. hrs.**

Advanced critical, chronological examination of literature for children and adolescents from folklore origins to 1945. May repeat if content different. Prerequisites: Junior/senior standing; ENG 170 or consent instructor.

372 STUDIES IN CONTEMPORARY LITERATURE FOR YOUNG PEOPLE**3 sem. hrs.**

Advanced critical examination of 20th and 21st century literature for children and young adults with emphasis on trends and research. May repeat if content different. Prerequisites: Junior/senior standing; ENG 170 or consent instructor.

373 POETRY FOR CHILDREN**3 sem. hrs.**

Poetry for children and early adolescents, including various categories, elements, and well-known poets in the field. May repeat if content different; maximum 6 hours. Formerly *VERSE FOR CHILDREN*. Prerequisites: Junior/senior standing; ENG 170 or consent instructor.

374 STORYTELLING**3 sem. hrs.**

The art of storytelling based on knowledge of folklore heritage with experiences in oral transmission of literature in a variety of settings. Prerequisites: Junior/senior standing or consent instructor.

375 YOUNG ADULT LITERATURE**3 sem. hrs.**

Advanced critical examination of literature for young adults with emphasis on trends and research. May repeat if content different. Formerly *STUDIES IN LITERATURE FOR ADOLESCENTS*. Prerequisites: Junior/senior standing or consent instructor.

378 SHAKESPEARE ON STAGE**3 sem. hrs.**

An intensive study of Shakespeare's plays in production. May repeat; maximum 6 hours. Also offered as THE 378. Prerequisites: C or better in ENG 100 and junior/senior standing or consent instructor.

381 STUDIES IN LITERARY GENRES**3 sem. hrs.**

Advanced study in one or more literary types or genre. May be repeated if content different. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

382 LITERARY CRITICISM**3 sem. hrs.**

Historical survey of selected texts in literary and critical theory from Plato to the present. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

384 INTRODUCTION TO CULTURAL THEORY**3 sem. hrs.**

Introduction to the history and practice of cultural theory. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

386 THE EIGHTEENTH-CENTURY ENGLISH NOVEL**3 sem. hrs.**

The English novel from its origins through the 18th century. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

**387 THE NINETEENTH-CENTURY
ENGLISH NOVEL****3 sem. hrs.**

The English novel between 1800 and 1900. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

**388 THE TWENTIETH-CENTURY
ENGLISH NOVEL****3 sem. hrs.**

The English novel since 1900. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor.

390 RESEARCH STUDIES IN LANGUAGE ARTS**3 sem. hrs.**

Critical study of current practice and research in language arts and language development. Prerequisites: Junior/senior standing or consent instructor.

391 SURVEY OF CLASSICAL RHETORIC**3 sem. hrs.**

Rhetorical theories from ancient Greece to 1900, emphasizing Plato, Aristotle, Cicero, and Quintilian. Prerequisites: ENG 100 with a C or better, ENG 102 and 283; junior/senior standing; or consent instructor.

392 MODERN THEORIES OF RHETORIC**3 sem. hrs.**

Study of the principles of rhetoric to serve as basis for understanding contemporary rhetorical theories. Prerequisites: ENG 100 with a C or better, ENG 102 and 283, junior/senior standing; or consent instructor.

394 TESOL PRACTICUM**1-6 sem. hrs.**

Observation, case studies, tutoring, instructional assistance, and some teaching experience in English as a Second Language. Prerequisite: ENG 345.

395 PROBLEMS IN THE TEACHING OF ENGLISH**3 sem. hrs.**

Theory and practice in the teaching of language, literature, and composition at the secondary and community college levels. May repeat if topic differs. Prerequisites: ENG 100 with a C or better, ENG 102, junior/senior standing; or consent instructor or experience in teaching (student teaching acceptable).

396 THE WRITING SEMINAR**3 sem. hrs.**

Concentration upon a major writing project and the formulation of an individual Writing Portfolio. Prerequisites: ENG 246, 247, or 249, or graduate standing or consent instructor. Junior/senior standing.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP IN ENGLISH****1-6 sem. hrs.**

Supervised field experience in English with local, state, national, and international businesses, agencies, institutions (including colleges and universities), and organizations. May repeat; maximum 6 hours toward major/minor; maximum 16 hours toward graduation. Prerequisite: Consent instructor.



GEOGRAPHY-GEOLOGY (GEO)

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206 Felmley Hall, (309) 438-7649
Web address: Geo.IllinoisState.edu

Chairperson: David Malone.

Tenured/Tenure-track Faculty:

Professors: Day, Malone, Sublett.

Associate Professors: Budikova, Nelson, Peterson, Van der Hoven.

Assistant Professors: Dunn, Haas, Kostelnick, Thayn, Zintambila.

General Department Information

INTERDISCIPLINARY MINORS

The Department of Geography-Geology participates in interdisciplinary minors at the University. Course work offered by the Department contributes to the Minor in Urban Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section of this *Undergraduate Catalog*.

HONORS IN GEOGRAPHY-GEOLOGY

The Department of Geography-Geology invites qualified Geography and Geology majors to distinguish themselves by earning Honors through approved course work and independent study. Students who enroll in the Honors program will have the opportunity to work closely with selected faculty. Those students who complete the requirements will graduate with Departmental Honors--which will be indicated on their transcript and diploma.

Admissions Requirements:

Students majoring in the Geography-Geology Department may be admitted to the Departmental Honors Program if they have (1) completed at least 45 hours of college-level courses, (2) a cumulative GPA of 3.30 and at least 3.50 in the major, and (3) are a member of the University Honors Program.

Honors Study Requirements:

In order to graduate with honors in the Geography-Geology Department, a student must complete (1) all university graduation requirements, (2) all regular requirements for the major, (3) at least 12 hours of Honors work in the major, including at least 3 hours of Honors Independent Study (GEO 299) with the other 9 hours distributed among in-course honors in Geography for Geography majors or Geology for Geology majors, (4) maintain a cumulative GPA of at least 3.30 and at least 3.50 in the major, and (5) apply to the Honors Office during the first month of the graduation semester for Honors Degree designation.

Geography Programs

Degrees Offered: B.A., B.S.

MAJOR IN GEOGRAPHY

Programs must be planned in consultation with the program advisor.

Advisor: Jill Freund Thomas (309) 438-8403

- Minimum of 50 hours required. All Geography majors should consult with program advisor concerning appropriate elective coursework in related fields. The faculty also recommends that students consider National Student Exchange and Study Abroad programs as a means of experiencing different cultural settings.
- Required courses: GEO 100, 140, 204, 205, 238, 300, 303, 315, 398; 2 courses from GEO 135, 215, 220, 245; 250, or 306; 15 hours 200-300 level Geography courses.

Teacher Certification Sequence:

Advisor: Jill Freund Thomas (309) 438-8403

- Minimum of 52 hours required. Part of entitlement program leading to certification: secondary 6-12. Student must plan program in consultation with an advisor.
- Required courses: GEO 100, 135, 140, 204, 205, 300, 303, 307, 315; 3 hours from GEO 215, 220, 235, 240, 250, 265, or 306; 9 hours 200-300 level Geography courses.
- Supporting courses required (16 hours): HIS 101 or 102, 135 or 136; SOC 106; POL 101 or 106; ECO 105.
- NOTE: To qualify for certification, the student must complete the Professional Education requirements and the General Education requirements as described in the Teacher Education Requirements-High School section of this *Undergraduate Catalog*.
- NOTE: Students desiring Middle School or Junior High employment should also complete C&I 233 and PSY 302.
- NOTE: Teacher certification students must present a 2.50 GPA to qualify for placement in student teaching and to graduate with a teacher certification degree.

MINOR IN GEOGRAPHY

- 21 hours in Geography required.
- Required courses: GEO 100, 135 or 140; GEO 204.

MINOR IN GEOGRAPHY

For Teacher Education:

- 24 hours in Geography required.
- Required courses: GEO 100, 135 or 140; GEO 204, 307.

NOTE: Under current legislation, students earning an initial secondary certificate may add an additional endorsement in another content area by completing 24 hours in that content area and passing the appropriate certification test.

Endorsement requirements may have changed since publication of this catalog. Check with your advisor.

The Minor in Geography for Teacher Education does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

MINOR IN ENVIRONMENTAL STUDIES

Advisor: Dr. Amy M. Bloom
Department of Geography- Geology
432 Felmley Hall Annex, Campus Box 4400
(309) 438-8115; ambloom@ilstu.edu
Web address: www.environmentalstudies.ilstu.edu

The Minor in Environmental Studies is a multidisciplinary program that is available to students in any undergraduate major. The mission of the Environmental Studies Minor Program is to increase awareness of the interrelationships that exist between humans and the natural environment. Students will broaden their understanding of environmental issues as well as connections between human-made and natural environments. Knowledge and skills acquired through the program will help prepare students for further academic studies or for an environment-related career. Students should plan their minor program with the assistance of the Environmental Studies advisor.

- Minimum of 25 hours required.
- Required courses: GEO 100 and 205.
- Choose 3 courses from: AGR 157, 203, 234; BSC 196, 201 or 202, 212, 222, 223, 337, 375, 376, 378, 379; CHE 280; GEO 207, 211, 276, 341, 344, 361, 380; HSC 257; PHY 207.
- Choose 3 courses from: ECO 255; ENG 249; GEO 303, 334; HIS 240; HSC 156; PHI 236, 250; POL 232, 236, 254; SOC 330, 362.
- Students may choose to pursue one environmentally-based independent study or one environmentally-based internship to fulfill up to 3 credits toward the minor. Prior approval of the Advisor of the Minor in Environmental Studies is required for the student to receive credit for this experience toward fulfilling the requirements for the minor. Arrangement for supervision of the internship experience must be handled through the student's major department.

NOTE: No more than 9 hours may be selected from the student's major department.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensu-

rate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Geology Programs

Degrees Offered: B.S.

MAJOR IN GEOLOGY

Traditional Sequence:

Advisor: Dr. David Malone
Phone: (309) 438-2692

- 40 hours in Geology required.
- Required courses: GEO 202, 203, 280, 285, 290, 295, 296, 395 and one of the following applied quantitative courses: GEO 360, 361, 362, or 364.
- Required interdisciplinary courses: PHY 108 and 109 (or 110 and 111); CHE 140 or equivalent, and 141; MAT 145 and 146.
- Strongly recommended: GEO 385.

Earth and Space Science Sequence for Teacher Certification:

Advisor: Jill Freund Thomas
Phone: (309) 438-8403

- 57 hours in Geology, Geography, Physics, Chemistry, and Biological Sciences required.
- Required courses: GEO 100, 202, 203, 280, 285, 295 and 307.
- Required interdisciplinary courses: CHE 140; PHY 108, 205, 310; BSC 196 or 197; two of the following CHE 141, PHY 109, and BSC 197 (if not taken to satisfy the requirement); and 5-6 credit hours selected from upper division GEO science courses.
- **NOTE:** to qualify for certification, the student must complete the Professional Education and General Education requirements as described in the Teacher Education Requirements-High School section of this *Undergraduate Catalog*.

- NOTE: Students desiring Middle School or Junior High employment should also complete C&I 233 and PSY 302.
- NOTE: Teacher certification students must present a 2.50 GPA to qualify for placement in student teaching and to graduate with a teacher certification degree.

MINOR IN GEOLOGY

- 22 hours in Geology required.
- Required courses: GEO 102, 202 and 203.
- NOTE: Students wishing to minor in Geology are requested to inform the Department of their intention and to discuss their program with a Geology advisor.

Geography Courses

100 EARTH SYSTEMS SCIENCE 4 sem. hrs.

Introduction to geographic perspectives on Earth's dynamic systems. The atmosphere weather, climate, water, rocks, landforms, soils, and ecosystems are discussed. Lecture and lab. Formerly *EARTH SCIENCE*.

130 THE TRAVELER'S WORLD 3 sem. hrs.

Cultural, physical, and economic aspects of the tourism industry in the United States and worldwide. Orientation to the industry as a career option.

135 WORLD GEOGRAPHY 3 sem. hrs.

OC-SS

Regional studies of the peoples, languages, religions, economic activities, and settlement patterns of the world.

138 QUANTITATIVE REASONING IN THE GEOSCIENCES 3 sem. hrs.

MC-QR

Introduction to modern techniques used to visualize and analyze quantitative data in the geosciences. May not be taken under the CT/NC option. Not for credit if had ECO 138, POL 138, PSY 138, or MQM 100. Prerequisites: MAT 120 or 130 or 145, or consent instructor.

140 HUMAN GEOGRAPHY 3 sem. hrs.

MC-IS

Introduction to human geography emphasizing global problems, patterns, and distributions. May not be taken under the CT/NC option. Prerequisites: ENG 101 or COM 110 or concurrent registration.

200 PHYSICAL GEOGRAPHY I 3 sem. hrs.

Introduction to geographic perspectives on the atmosphere and biosphere with emphasis on climatic patterns and relationships with vegetation and human activities.

201 PHYSICAL GEOGRAPHY II 3 sem. hrs.

Introduction to geographic perspectives on the lithosphere and hydrosphere with emphasis on water balance. Prerequisite: GEO 200.

204 DOING GEOGRAPHY 3 sem. hrs.

Introduction to geographical methodology and techniques with an emphasis on development of skills in analyzing spatial data. Formerly *GEOGRAPHIC TECHNIQUES*. Prerequisite: 9 hours Geography.

205 LIVING IN THE ENVIRONMENT 3 sem. hrs.

The human interactions with the natural environment. Emphasizes soil, wildlife, forest, mineral and fuel, water and air conservation. Formerly *GLOBAL ENVIRONMENTAL ISSUES*. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

207 NATURAL DISASTERS 3 sem. hrs.

OC-SMT

Science of earth-related natural disasters: occurrences, causes, effects, prediction, prevention, mitigation, related human activity and classic examples. Two 1-hour lectures; one 2-hour discussion/lab per week. Not for credit Geology or Geography majors.

208 POLITICAL GEOGRAPHY 3 sem. hrs.

Introduction to the field of political geography. Emphasis on spatial patterns of political activity. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

211 EARTH'S DYNAMIC WEATHER 3 sem. hrs.

OC-SMT

Dynamic aspects of weather and climate from global to local scales with emphasis on how we gather, analyze, and understand weather information. Formerly GEO 110. Not for credit Geography major.

215 UNITED STATES 3 sem. hrs.

Major regions of the United States in terms of contemporary physical, cultural, and natural resource patterns. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

220 ILLINOIS 3 sem. hrs.

Boundaries, physical setting, environment concerns, patterns of human occupancy, regional characteristics. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

235 GEOGRAPHY OF EMERGING AREAS 3 sem. hrs.

OC-SS

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Regions vary in different sections. Prerequisites: Inner Core and MC-IS category.

238 QUANTITATIVE METHODS IN GEOGRAPHY I 3 sem. hrs.

Introduction to uni-variate parametric statistical methods routinely used by geographers. Prerequisites: GEO 204 or concurrent registration or consent instructor.

250 AFRICA**3 sem. hrs.**

Regional study of Africa. Patterns of society as related to the natural environment. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

265 OUR NATIONAL PARKS**3 sem. hrs.**

National Parks of the United States in terms of physiography, geology, climate, flora, fauna, and scenic qualities. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

298.01 PROFESSIONAL PRACTICE: INTERNSHIP IN ENVIRONMENTAL GEOGRAPHY**1-3 sem. hrs.**

Planned, supervised, paid or unpaid professional practice in environmental geography with a public or private organization. Maximum of 3 semester hours credit toward the Minor in Environmental Studies; 40 hours internship per semester hour credit. Prerequisites: Prior approval by Minor in Environmental Studies Advisor or Geography-Geology Department Chair. Advanced arrangements required.

300 CARTOGRAPHY**3 sem. hrs.**

Theory and techniques regarding graphic representation of statistical data, including compilation, drafting, and reproduction of various types of thematic maps. Drafting supplies required. Prerequisites: GEO 204. Junior/senior standing.

303 GEOGRAPHIC INFORMATION SYSTEMS**3 sem. hrs.**

Fundamental principles of geographic information systems; emphasis on raster and vector based systems and their applications to spatial analysis. Prerequisites: GEO 204 or consent instructor.

304 GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS**3 sem. hrs.**

Advanced applications in geographic information systems (GIS) with an emphasis on problem-solving, advanced GIS analysis techniques, and a survey of raster and vector based GIS software and data bases. Prerequisites: GEO 303 required; MAT 120 recommended.

305 REMOTE SENSING I**3 sem. hrs.**

Basic principles of remote sensing, image interpretation, photogrammetry, and digital image processing. Prerequisites: GEO 204, 238, or consent instructor.

306 REGIONAL AND AREA STUDIES**1-9 sem. hrs.**

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent instructor.

307 TEACHING GEOGRAPHY/EARTH SCIENCE**3 sem. hrs.**

Approaches to the teaching of geography and earth science in grades 6-12. Includes Clinical Experiences: 35 hours, Type 1-6, 10. Prerequisites: Teaching major only. Admission to Professional Studies. C or better C&I 216 or PSY 215 or concurrent registration. 8 hours of Geography or Geology.

308 QUANTITATIVE METHODS IN GEOGRAPHY II**3 sem. hrs.**

Use and interpretation of basic statistical techniques in geographical problems. Formerly *QUANTITATIVE METHODS IN GEOGRAPHY*. Prerequisites: GEO 238; MAT 120 or higher recommended.

310 FIELD GEOGRAPHY**3 sem. hrs.**

Techniques for the systematic acquisition and interpretation of geographic field data. Includes introduction to Orienteering. Prerequisites: 9 hours Geography and fieldwork.

312 ENVIRONMENTAL LAW**3 sem. hrs.**

Overview of environmental law, emphasis on land and water. Covers legal operations, procedures, and theories. Prerequisites: GEO 205 or consent of instructor.

313 ENERGY AND SUSTAINABILITY**3 sem. hrs.**

Human geographic study of energy, covering political, economic, environmental, and societal aspects of energy. Includes sustainability and energy security. Prerequisites: GEO 205 or consent of instructor.

315 SEMINAR IN GEOGRAPHY**3 sem. hrs.**

Designed to acquaint the student with career opportunities in geography and in related fields. Includes senior field problem. Prerequisites: GEO 204, 300, 303.

331 CULTURAL GEOGRAPHY**3 sem. hrs.**

An advanced course in the field and methodology of cultural geography, with an emphasis on the study of place and culture in a globalizing world. Field trip required. Prerequisites: GEO 140 or consent instructor.

334 POLITICAL ECOLOGY**3 sem. hrs.**

Critical examination of how socio-political and economic systems, processes, and practices are linked globally with contemporary environmental problems. Formerly 389.32. Prerequisite: GEO 205 or consent instructor.

336 URBAN GEOGRAPHY**3 sem. hrs.**

Internal morphology, external relationships, and other spatial aspects of cities. Prerequisites: Junior/senior standing.

339 MEDICAL GEOGRAPHY**3 sem. hrs.**

Investigates the major research themes in medical geography, including health-environment interactions, spatial patterns and analysis, and health care systems. Prerequisites: GEO 204 or consent instructor.

341 CLIMATE AND GLOBAL ENVIRONMENTAL CHANGE**3 sem. hrs.**

An overview of concepts, methods, theory and debates surrounding climate and global environmental change. Prerequisites: GEO 100 or consent instructor.

344 BIOGEOGRAPHY**3 sem. hrs.**

Theory and application of the geographic distributions of plants and animals and processes that cause these distributions. Lecture and lab. Prerequisites: GEO 100 or consent instructor.

346 APPLIED CLIMATOLOGY**3 sem. hrs.**

Practical applications of climatology. Collection of primary and secondary climate data, and analysis and interpretation of climate data. Prerequisites: GEO 100 or consent of instructor. Course in statistics recommended.

351 CARTOGRAPHIC PROCESSES**3 sem. hrs.**

Advanced techniques in design, production and reproduction of maps. Materials charge optional. Prerequisite: A or B in GEO 300.

370 URBAN AND REGIONAL PLANNING**3 sem. hrs.**

Introduction to the planning process and the major elements used in plan implementation such as zoning regulations, subdivision regulations, and the official map. Field research may be required. Prerequisite: GEO 204 or consent instructor.

**398.01 PROFESSIONAL PRACTICE:
INTERNSHIP IN GEOGRAPHY**
1-16 sem. hrs.

Planned, supervised professional experience in a public or private organization. The experience provides an introduction to a career in geography. May be paid. Maximum 4 hours credit toward GEO major; 40 hours intern/credit hour. Prerequisites: 100 hours completed; 2.20 GPA; GEO 315; and consent department chair. Advance arrangements required.

Geology Courses

102 PRINCIPLES OF GEOLOGY IC-NS**3 sem. hrs.**

Examination of the principles of geology and the tectonic, rock, hydrologic, and geomorphic cycles in terms of assumptions, forces, products, and consequences. Lecture and lab. Not for credit major/minor. Not for credit if had GEO 105. May not be taken under the CT/NC option.

202 EVOLUTION OF THE EARTH OC-SMT**3 sem. hrs.**

Physical, chemical, and biologic evolution of the earth system as interpreted from rock sequences, fossils, and maps. Emphasis on geologic methodology.

203 MINERALS, ROCKS, FOSSILS AND MAPS**3 sem. hrs.**

Mineral, rock and fossil identification and interpretation; recognition and interpretation of structures and surface features from geologic and topographic maps. Lecture and lab. Prerequisites: IC-NS or IC-NSA course; GEO 202 or consent registration.

276 ENVIRONMENTAL GEOLOGY**3 sem. hrs.**

Recognition of geologic hazards such as earthquakes and floods. Evaluation of geologic resources and the legal and geologic limitation of resource utilization. Prerequisites: Completion of 45 semester hours or equivalent or consent instructor.

280 MINERALOGY**4 sem. hrs.**

Crystallography, internal structure, chemistry, recognition and occurrence of minerals. Lecture and lab. Prerequisites: GEO 203; CHE 140.

285 IGNEOUS AND METAMORPHIC PETROLOGY**4 sem. hrs.**

Description, classification, and origin of igneous and metamorphic rocks. Lecture and lab. Field trip required. Prerequisite: GEO 280.

290 STRUCTURAL GEOLOGY**4 sem. hrs.**

Mechanics and processes of deformation of the earth's crust and the resulting structures. Lecture and lab. Field trip required. Prerequisite: GEO 203 required; MAT 144 recommended.

295 SEDIMENTOLOGY**3 sem. hrs.**

Origin, transportation, deposition, and diagenesis of sedimentary materials with emphasis on classification of sedimentary rocks. Lecture and lab. Field trip required. Formerly *SEDIMENTOLOGY AND STRATIGRAPHY I*. Prerequisite: GEO 203.

296 STRATIGRAPHY**3 sem. hrs.**

Distribution, correlation and analysis of stratified rocks. Lecture and lab. Field trip required. Formerly *SEDIMENTOLOGY AND STRATIGRAPHY II*. Prerequisites: GEO 203, 295.

**298.20 PROFESSIONAL PRACTICE:
COOP/INTERN IN GEOLOGY**
1-4 sem. hrs.

Planned, supervised, paid or unpaid professional practice in geology or geotechnical field with government or private organization. Maximum 4 hours toward B.S. degree in Geology. Prerequisite: Consent of instructor.

360 GROUNDWATER GEOLOGY**3 sem. hrs.**

Groundwater occurrence and movement, aquifer evaluation, field and lab measurements, contamination and other applications. Field trips. Prerequisites: GEO 203 and MAT 146.

361 HYDROLOGY**3 sem. hrs.**

Introduction to hydrology, including all components of the hydrologic cycle, field and lab measurements, data acquisition, and quantitative problem solving. Three Saturday field trips required. Prerequisite: MAT 145 or consent instructor.

362 ENGINEERING GEOLOGY**3 sem. hrs.**

Engineering applications of geology, construction problems of geologic origin and their engineering solutions. Field trips required. Prerequisites: GEO 203; MAT 146; and PHY 108 or consent instructor.

364 EXPLORATION GEOPHYSICS**3 sem. hrs.**

Principles of exploration geophysics and the techniques that are used to study subsurface environments. Subjects reviewed include: stress and strain, information theory, seismic, gravity, magnetics, electrical resistivity, electromagnetic conductivity, ground penetrating RADAR, and borehole logging. Prerequisites: GEO 203; MAT 146; and PHY 108; or consent instructor.

380 GEOMORPHOLOGY**3 sem. hrs.**

Origin, classification, description, and interpretation of landforms. Field trips. Prerequisites: GEO 100 or 102.

381 PLANETARY GEOLOGY**3 sem. hrs.**

Planets, satellites, and materials that make up our solar system, including how they are studied, their composition, structure, and physiography. Prerequisites: GEO 202 and 203 or consent of instructor.

382 GLACIAL AND QUATERNARY GEOLOGY**3 sem. hrs.**

Development of glaciers, glacial movements, deposits, and landforms as background for discussion of present landscapes. Field trips required. Prerequisites: GEO 100 or 102.

385 INVERTEBRATE PALEONTOLOGY**4 sem. hrs.**

Examination and analysis of major fossil invertebrate phyla; emphasis on groups with paleoecologic and stratigraphic significance. Lecture and lab. Field trip required. Prerequisite: GEO 203 required. BSC 196 recommended.

395 FIELD GEOLOGY**6 sem. hrs.**

Application of geologic principles to field mapping and interpretation in the Black Hills and Central Rocky Mountains. Prerequisites: GEO 280, 285, 290, 295, and 296.

HISTORY (HIS)**442****301 Schroeder Hall, (309) 438-5641****Web address: History.IllinoisState.edu****Chairperson:** Anthony Crubaugh.**Tenured/Tenure-track Faculty:***Professors:* Biles, Lessoff, Perez.

Associate Professors: Adedze, Ciani, Clemens, Clemmons, Crubaugh, Hughes, Kennedy, Nassar, Olsen, Reed, Winger.

Assistant Professors: Hartman, Noraian, Paehler, Soderlund, Tsouvala, Varga-Harris, Wood.

General Department Information**INTERDISCIPLINARY MINORS**

The Department of History participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African Studies; African-American Studies; Latin American, Caribbean, and Latino/a Studies; Middle Eastern and South Asian Studies; Native American Studies; and Urban Studies. For further information on these minors and

their advisors, please consult the University-Wide Curriculum section of this *Undergraduate Catalog*.

HONORS IN HISTORY

Honors work in the Department of History has been designed to offer to qualified undergraduates the opportunity to develop an independent, individualized program of study while working closely with departmental faculty in the field of their special interest.

Admission Requirements:

To be admitted to the Honors Program, students must have at least sophomore standing, have taken nine hours in history, and have a minimum GPA of 3.50 in History. Recommendation of at least one member of the departmental faculty is required as is the approval of the departmental Honors Director. Students may also be invited to apply by a faculty member. In specific cases these requirements may be waived but only with the express approval of the Honors Director and the History Department Chairperson.

Honors Study Requirements:

Students in the Honors Program will complete a minimum of 9 hours of Honors-level work. The following requirements constitute the minimum program:

- A. **History 296:** Historiography and Historical Method (3 hours.) Consent of instructor required; 3.50 GPA in History; Majors only. This class serves as a foundation for honors work. A student in the University Honors Program may arrange with the Honors Program Office for this course to count as the Honors participation requirement for continuation of that program.
- B. **History 299:** Independent Honors Study (Honors, 3 hours.) 296 or concurrent registration required; admission to departmental honors program; consent of department. This course gives students the opportunity to work with an individual faculty member to devise and research a project of the student's choice. Students will begin drafting the honors thesis in preparation for History 301.
- C. **History 301:** Honors Thesis (Honors, 3 hours.) HIS 296 and 299; admission to department honors program; consent of department. HIS 301 can be counted for the History 300 SENIOR SEMINAR major required. Cannot be taken CR/NC. Formerly HIS 294. The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty.

GRADUATION WITH HONORS

To graduate with Honors in the Department of History the student will be expected to complete the program outlined above and to maintain grades in departmental subjects so as to finish with an overall History average of 3.50. The Director of Departmental Honors and the History Department Chairperson will regularly evaluate students in the program. Any student whose work does not meet the minimal standards of the program will not be allowed to continue.

History Programs

Degrees Offered: B.A., B.S.

MAJOR IN HISTORY

Admission to the History major, including the History-Social Sciences Teacher Certification Sequence, may be restricted by the lack of available Department resources.

The Department of History encourages students seeking bachelor's degrees to develop both global and multidisciplinary approaches to the study of history and to apply these methods to their studies in other disciplines. To develop their skills of historical analysis and to learn to think critically about historical accounts, students complete HIS 200 and 300. To acquire both a well-rounded and a global understanding of historical processes, students are required to take 6 hours each in the 3 fields of European, non-Western, and United States History.

The Department of History recognizes the value of language to the study of history from a global perspective. For this reason, the department recommends all students majoring in history complete a Bachelor of Arts program. Those students majoring in history but choosing to pursue a Bachelor of Sciences program must complete a minor program.

B.A. students are encouraged to improve their career opportunities by minoring in another discipline. B.A. students not opting for a minor must choose an area of concentration by taking a minimum of 9 hours in any field other than history or foreign language; at least 3 of these hours must be in 200- or 300-level courses. B.A. students are encouraged to continue their language studies beyond the 12 hours required by the Bachelor of Arts.

B.A. and B.S. students in either the History (non-teaching) or History-Social Sciences Teacher Certification Sequence must complete or be concurrently enrolled in HIS 200 before enrolling in any other 200-level History course and must complete HIS 200 before enrolling in any 300-level History course. HIS 300 is a capstone course to be taken in the student's last full semester on campus. For students in the History-Social Sciences Teacher Certification Sequence, this would be the semester just prior to student teaching.

Students must fulfill the following requirements:

Major in History, B.A.

- 36 hours in History required.
- Required courses: HIS 101, 102, 135, 136, 200, 300; 6 hours non-Western History listed in group 3 of "History Courses by Group for the Major." At least one of the non-Western electives must be at the senior level.
- 21 hours at the upper-division level (includes HIS 200 and 300). Of those 21 hours, 9 hours must be at the 300-level (includes HIS 300). HIS 200 is a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses.

- Students must choose one of the following courses as an elective: HIS 104, 111, 112, or 131.
- Students are encouraged to complete a minor; but, if a minor is not selected, they must complete a 9-hour concentration in any field other than history or foreign language, with at least 3 hours at the upper-division level.

Major in History, B.S.

- Requirements same as for B.A., except that students must complete a minor.

History-Social Sciences Teacher Certification Sequence:

- 42 hours in History required.
- Required courses: HIS 101, 102, 135, 136, 200, 290, 300, 390; 3 hours upper-division United States History (in addition to HIS 135 and 136) listed in Group 2 and 6 hours of non-Western History listed in Group 3 of "History Courses by Group for the Major." At least one of the non-Western electives must be at the senior level.
- 27 hours at the upper-division level (includes HIS 200, 290, 300, and 390), including 12 hours at the 300-level (includes HIS 300 and 390). HIS 200 is a prerequisite for all other 300-level History courses.
- Students must complete a 16-hour interdisciplinary area including ECO 105; POL 101 or 105 or 106; GEO 135 or 140; ANT 175 or 185; and SOC 106 or 108.
- The Teacher Certification Sequence is part of the entitlement program leading to secondary History-Social Sciences certification.
- A 3.00 GPA in the major and overall is required for admission to Professional Studies and Student Teaching. Deadlines for admission to Professional Studies and Student Teaching are available from the Center for Teacher Education.

History Courses by Group for the Major:

Group 1: Methods and Topics: HIS 268, 270, 274, 290, 292, 296, 301, 330, 390, 394, 395, 398.

Group 2: United States History: HIS 111, 112, 131, 216, 217, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 253, 254, 256, 257, 258, 259, 261, 262, 273, 278, 279, 309, 310, 311, 315, 320, 321, 322, 323, 324, 327, 329.

Group 3: Non-Western History: HIS 104.01, 104.02, 104.03, 104.04, 104.05, 104.06, 263, 264, 265, 266, 269, 271, 272, 275, 276, 282, 283, 307, 351, 373, 375, 378.

Group 4: European History: HIS 219, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 335, 342, 345, 355, 356, 357, 366.

MINOR IN HISTORY

- 21 hours in History required; at least 12 hours in 200- or 300-level courses.
- Required courses: 6 hours each in Group 2: United States, Group 3: Non-Western, and Group 4: European History (see listing under "History Courses by Group for the Minor.")

MINOR IN HISTORY**For Teacher Education:**

- 21 hours in History required; at least 12 hours in 200- or 300-level courses.
- Required courses: 9 hours in Group 2: United States, 6 hours in Group 3: Non-Western, and 6 hours in Group 4: European History (see listing under "History Courses by Group for the Minor"); HIS 290 recommended in addition to required courses; requirements for Teacher Certification in another major field must be met.

The Minor in History for Teacher Education does not lead directly to teacher certification. Students seeking certification in History and the Social Sciences must complete a recognized secondary education program and at least 32 hours in the Social Sciences (12 hours in History). In addition, students will be required to pass a Social Sciences content examination as administered by the state of Illinois. If a student has any questions he/she should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

History Courses by Group for the Minor:

Group 1: Methods and Topics: HIS 200, 270, 274, 290, 292, 296, 300, 301, 330, 390, 394, 395.

Group 2: United States History: HIS 111, 112, 131, 135, 136, 216, 217, 239, 240, 241, 242, 243, 244, 246, 247, 248, 249, 253, 254, 256, 257, 258, 259, 261, 262, 278, 279, 309, 310, 311, 315, 320, 322, 323, 324, 329.

Group 3: Non-Western History: HIS 104.01, 104.02, 104.03, 104.04, 104.05, 104.06, 263, 264, 265, 266, 269, 271, 272, 275, 276, 282, 283, 307, 351, 373, 375, 378.

Group 4: European History: HIS 101, 102, 219, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 335, 345, 355, 356, 357, 366.

**CLINICAL EXPERIENCES
IN TEACHER EDUCATION**

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and in other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact

3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

History Courses

The Department attempts to offer its courses in the semesters indicated below. But because of changing faculty availability, which cannot be foreseen before this *Undergraduate Catalog* is printed, the Department cannot guarantee that a given course will always be taught in a given semester or year. In planning their programs, students are therefore advised to consult departmental faculty and advisors concerning the availability of individual courses.

101 WESTERN CIVILIZATION TO 1500

3 sem. hrs.

Western civilization from its beginnings in the ancient Near East until the Renaissance, emphasizing cultural and political history.

102 MODERN WESTERN CIVILIZATION

3 sem. hrs.

Western civilization from the Renaissance to the present, emphasizing cultural and political history.

**104 HISTORY OF ASIA, MIDDLE EAST,
AFRICA, LATIN AMERICA, OR
INDIGENOUS PEOPLES** **OC-H**

3 sem. hrs.

Interdisciplinary, thematic, and chronological examination of the histories of Africa, Asia, Latin America, and indigenous peoples. Topics vary from one section to another. Topic .01 Africa; Topic .02 East-Asia; Topic .03 Latin America; Topic .04 Middle East, .06 Native Americans. Not for credit if had HIS 103. Prerequisites: ENG 101 and COM 110.

107 THE MAKING OF EUROPE **OC-H**

3 sem. hrs.

Explores the formation of Europe as a distinct historical entity. Prerequisites: ENG 101 and COM 110.

**111 AMERICAN DIVERSITY: CONTESTED
VISIONS OF THE UNITED STATES
EXPERIENCE** **MC-UST**

3 sem. hrs.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class. May not be taken under the CT/NC option. Also offered as SOC 111. Prerequisites: ENG 101 or COM 110 or concurrent registration.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST
3 sem. hrs.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity. May not be taken under the CT/NC option. Also offered as FCS/SOC 112. Prerequisites: ENG 101 or COM 110 or concurrent registration.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS MC-UST
3 sem. hrs.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art. May not be taken under the CT/NC option. Also offered as ENG 131. Prerequisites: ENG 101 or COM 110 or concurrent registration.

135 HISTORY OF THE UNITED STATES TO 1865
3 sem. hrs.

Political, economic, social, and cultural developments from the colonial period to the Civil War.

136 HISTORY OF THE UNITED STATES SINCE 1865
3 sem. hrs.

Agrarian and industrial revolutions, development of American institutions, and America as a world power.

200 DOING HISTORY: AN INTRODUCTION
3 sem. hrs.

An introduction to the discipline, including study of research and writing techniques, historical methods, and the nature and varieties of history. Required of History and History-Social Sciences Education majors as a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses. Must be taken by students who begin at Illinois State University no later than the end of their sophomore year, by transfer students by the end of the junior year, or with approval of the department chairperson. Prerequisites: History or History-Social Science Education major only; 15 hours college credit; consent department.

216 AMERICAN RELIGIOUS HISTORY I
3 sem. hrs.

Part one of survey of religion in the context of U.S. history to 1865.

217 AMERICAN RELIGIOUS HISTORY II
3 sem. hrs.

Part two of survey of religion in the context of U.S. history since 1865.

219 GENDER IN MEDIEVAL AND EARLY MODERN EUROPE
3 sem. hrs.

Survey of the role of gender in Medieval and Early Modern European history. Prerequisites: HIS 101 and 102 or consent instructor.

220 ANCIENT HISTORY: GREECE
3 sem. hrs.

Political and cultural evolution of the Greek World from pre-classical times to the Hellenistic Age. Prerequisites: HIS 101 or 102 or consent instructor.

221 ANCIENT HISTORY: ROME
3 sem. hrs.

The Roman republic and empire with emphasis on the constitutional evolution of Rome. Prerequisites: HIS 101 or 102 or consent instructor.

222 THE MIDDLE AGES: 395-1100
3 sem. hrs.

The disintegration of ancient civilization and the gradual emergence of three successor civilizations: Byzantium, the Muslim World, and Western Europe. Prerequisites: HIS 101 or 102 or consent instructor.

223 THE MIDDLE AGES: 1100-1500
3 sem. hrs.

The climax and decline of medieval civilization. Prerequisites: HIS 101 or 102 or consent instructor.

224 THE RENAISSANCE: EUROPE: 1300-1500
3 sem. hrs.

Political, economic, social, intellectual, cultural transition to early modern Europe; spread of Renaissance from origins in Italy; exploration and discovery.

225 THE REFORMATION: EUROPE: 1500-1600
3 sem. hrs.

Protestant and Catholic reformations in the setting of 16th-century politics, economics, society; intellectual and cultural currents; European expansion.

228 EUROPE IN THE NINETEENTH CENTURY: 1815-1914
3 sem. hrs.

Liberalism, nationalism, democracy, militarism, imperialism, and the forces that led to World War I.

229 EUROPE IN THE TWENTIETH CENTURY
3 sem. hrs.

The origins of the World Wars, Marxism-Leninism, Nazi and Soviet totalitarianism, and the role of Europe in the Cold War.

230 THE CONTEMPORARY WORLD
3 sem. hrs.

Major economic, social, political, and cultural changes since 1945. The Cold War, the revolution in expectations, and the emerging concern over depletion of resources and environmental imbalances.

231 ENGLISH HISTORY TO 1688
3 sem. hrs.

History of medieval and Tudor-Stuart England to the Revolution of 1688.

232 ENGLISH HISTORY SINCE 1688
3 sem. hrs.

English history from the Glorious Revolution of 1688-89 to the present; political, social, and cultural history are emphasized.

233 MEDIEVAL RUSSIA
3 sem. hrs.

Examination of life in Kievan Rus and Muscovy stressing their cultural contributions to European civilization.

234 IMPERIAL RUSSIA
3 sem. hrs.

Analysis of the creation and maintenance of empire culminating in Russia's Golden and Silver Ages.

235 FRENCH HISTORY TO THE REVOLUTION
3 sem. hrs.

French history from the Middle Ages to the French Revolution with emphasis upon French culture, including social, intellectual, and artistic movements.

237 MODERN GERMANY: 1848-PRESENT
3 sem. hrs.

Survey of German social, political, diplomatic, and intellectual history in the 19th and 20th centuries.

239 HISTORY OF AMERICAN FOREIGN RELATIONS
3 sem. hrs.

The history of the foreign relations of the United States from the American Revolution to the present. Not for credit if had HIS 251 or HIS 252.

240 AMERICAN ENVIRONMENTAL HISTORY
3 sem. hrs.

How people and the flora, fauna, climates, and natural landscapes of America have interacted and affected one another over time. Prerequisites: HIS 135 or 136 or consent instructor.

241 COLONIAL LIFE AND INSTITUTIONS
3 sem. hrs.

Transfer of European ideas, institutions, and customs to America, and their subsequent development on American soil.

242 HISTORY OF CHICAGO
3 sem. hrs.

A survey of Chicago's history from 1600 to the present.

243 THE EARLY NATIONAL PERIOD: 1787-1815
3 sem. hrs.

Emphasis upon the establishment of a national government; the principles and influence of early federalism and of Jeffersonian democracy.

244 THE AGE OF JACKSON: 1815-1848
3 sem. hrs.

The awakening of American nationalism as typified by the economic, political, social, and cultural changes of the Jacksonian period. Prerequisites: HIS 135, or equivalent, or consent instructor.

246 CIVIL WAR AND RECONSTRUCTION: 1848-1877
3 sem. hrs.

Causes and process of secession, problems of the Lincoln and Davis administrations, conduct of the war, and the problems of reconstruction. Prerequisites: HIS 135 or 136, or equivalent, or consent instructor.

247 THE GILDED AGE IN AMERICA: 1877-1900
3 sem. hrs.

Industrialization and responses to industrialism in America; special attention given to business and political leaders, farmers, African-Americans, and writers. Prerequisite: HIS 136 or consent instructor.

248 UNITED STATES IN THE TWENTIETH CENTURY TO 1945
3 sem. hrs.

Significant aspects of American history from the Populist era to the end of World War II.

249 UNITED STATES IN THE TWENTIETH CENTURY SINCE 1945
3 sem. hrs.

Significant aspects of American history from the 1945 to contemporary times.

253 AMERICAN CONSTITUTIONAL HISTORY
3 sem. hrs.

The history of American constitutional and legal developments from the colonial period to the present.

254 THE AMERICAN WEST
3 sem. hrs.

Development of the trans-Mississippi West, exploration to present. Emphasis upon land-human relationships and the roots of environmental concerns. Prerequisites: HIS 135 or 136, or equivalent, or consent instructor.

256 AMERICAN BUSINESS HISTORY
3 sem. hrs.

Industrialization of America; the problems of agriculture, monopoly, and labor; the role of government in regulating and guiding economic activity. Prerequisites: HIS 135 or 136, or equivalent, or consent instructor.

257 AFRICAN-AMERICAN HISTORY TO 1865
3 sem. hrs.

The history of African Americans from Colonial times to the Civil War.

258 AFRICAN-AMERICAN HISTORY SINCE 1865
3 sem. hrs.

The history of African Americans from the Reconstruction period to the present.

259 HISTORY OF ILLINOIS
3 sem. hrs.

A survey of the history of Illinois from the time of the French explorers to the present. Prerequisites: HIS 135 or 136 or consent instructor.

261 HISTORY OF WOMEN IN THE UNITED STATES TO 1865
3 sem. hrs.

The role of women in the economic, social, political, and cultural history of America from the colonial period to the Civil War. Prerequisite: Sophomore standing.

262 HISTORY OF WOMEN IN THE UNITED STATES SINCE 1865
3 sem. hrs.

The role of women in the economic, social, political, and cultural history of America from 1865 to the present. Prerequisite: Sophomore standing.

263 MODERN MEXICO
3 sem. hrs.

Survey of Mexican history from the mid-18th century.

264 HISTORY OF WOMEN IN NORTH AMERICA
3 sem. hrs. OC-SS

Introduction to theoretical approaches to women's history and a study of selected aspects of the history of women in Canada, Mexico, the United States, and the Caribbean. Prerequisites: Inner Core and MC-UST or MC-IS category.

265 AFRICAN CIVILIZATION**3 sem. hrs.**

Political, social, cultural, and economic survey of Sub-Saharan African Civilization from about 1000 to about 1884 (European expansion).

266 MODERN AFRICA**3 sem. hrs.**

Political, social, cultural, and economic survey of Modern Africa from the beginnings of European expansion to the present.

269 HISTORY OF JAPANESE RELIGIONS**3 sem. hrs.**

A study of the development of Japanese Religions from Pre-History to the present.

270 WORLD RELIGIONS/WORLD VIEWS**3 sem. hrs.**

The great religions of the world, primarily Judaism, Hinduism, Buddhism, Christianity, and Islam; also includes Zoroastrianism, Confucianism, Taoism, Shintoism, primal religion, humanism, Marxism, and civil religion.

271 ISLAMIC CIVILIZATION**3 sem. hrs.**

Political, social, economic survey of the Middle East from Muhammad to the 19th century, emphasizing origins and achievements of the Islamic age.

272 MODERN MIDDLE EAST**3 sem. hrs.**

Political, social, and economic-survey of the Middle East from the 19th century to the present, emphasizing the rise of the modern nation-states.

274 HISTORY OF WESTERN MEDICINE**3 sem. hrs.**

The experience and management of ill health in Western societies from Classical times to the present day.

275 HISTORY OF JAPANESE CIVILIZATION**3 sem. hrs.**

Topical and chronological examination of Japanese religions, philosophies, art, music, literature, societal values and behavior to 1800.

276 HISTORY OF CHINESE CIVILIZATION**3 sem. hrs.**

Topical and chronological examination of Chinese religions, art, music, literature, societal values and behavior to 1911.

278 UNITED STATES MILITARY HISTORY**3 sem. hrs.**

U.S. military history in a global context from the colonial period to the present. Prerequisites: HIS 102 or 135 or 136 or consent instructor.

279 WORLD WAR II**3 sem. hrs.**

General survey of World War II including military, diplomatic, and cultural concerns.

282 COLONIAL LATIN AMERICAN HISTORY**3 sem. hrs.**

Intermediate study of the social, political, intellectual, and economic history of colonial Latin America (Latin America to 1821).

283 HISTORY OF CUBA**3 sem. hrs.**

Intermediate study of the social, political, intellectual, and economic history of Cuba, with emphasis on the modern period.

**290 HISTORY-SOCIAL SCIENCE
TEACHING METHODOLOGY I****3 sem. hrs.**

Special methods and pre-student teaching clinical experiences for History-Social Sciences Teacher Education students. Includes observation and participation in classroom settings. Must be completed prior to student teaching. Includes Clinical Experiences. Required for History Social Science Teacher Education programs. Prerequisites: C or better in C&I 216 or concurrent registration and Admission to Professional Studies. Exceptions may be made by consent instructor.

**292 CAREERS FOR HISTORY AND
SOCIAL SCIENCES MAJORS****1 sem. hr.**

Acquaints students with career opportunities and relates History and Social Sciences skills learned to those needed in various career situations. Includes instruction in job placement skills.

**296 HISTORIOGRAPHY AND
HISTORICAL METHOD****3 sem. hrs.**

This class serves as a foundation for honors work. A student in the University Honors Program may arrange with the Honors Program Office for this course to count as the Honors participation requirement for continuation of that program. Prerequisites: Consent instructor; 3.50 GPA in history; majors only.

300 SENIOR SEMINAR IN HISTORY**3 sem. hrs.**

An advanced study of the methods, sources, and problems of the field of history, using a topical approach that varies from section to section. To be taken in the last full semester on campus. Prerequisites: HIS/HIS -Social Sciences Education only. HIS 200 or consent instructor.

301 HONORS THESIS**3 sem. hrs.**

The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty. May be counted for HIS 300 SENIOR SEMINAR major requirement. Cannot be CR/NC. Prerequisites: HIS 296 and 299; admission to department honors program; consent of department.

306 REGIONAL AND AREA STUDIES**1-9 sem. hrs.**

Intensive on-site study of particular lands, environments, cultures, and peoples. Materials charge optional. Prerequisite: Any 200-level HIS course or consent instructor.

**307 SELECTED TOPICS IN
NON-WESTERN HISTORY****3 sem. hrs.**

The study of non-Western history through a topical approach. Topics will vary from semester to semester. May be repeated if topic different. Prerequisites: 1 of the following: HIS 103.01, 103.02, 103.03, 103.04, 104.01, 104.02, 104.03, 104.04, 263, 265, 266, 271, 272, 275, 276 or IDS 203; and HIS 200 or consent instructor.

308 SELECTED TOPICS IN EUROPEAN HISTORY
3 sem. hrs.

The study of European history through a topical approach. Topics will vary from semester to semester. May repeat for credit if content is different. Prerequisites: HIS 101, 102 and 200 or consent instructor.

309 SELECTED TOPICS IN UNITED STATES HISTORY
3 sem. hrs.

This course focuses on a specific topic or era of United States history, emphasizing conflicting interpretations and use of primary sources. May repeat for credit if topic different. Prerequisites: HIS 135; 136; 200 or consent instructor.

310 NATIVE AMERICAN HISTORY
3 sem. hrs.

An examination of the major themes and events of Native American history and culture from pre-Columbian times to the present. Prerequisite: HIS 135 or 136 or consent instructor.

311 AGE OF THE AMERICAN REVOLUTION
3 sem. hrs.

The emergence of the United States as an independent nation from 1763 to the Constitutional Convention in 1787.

315 SLAVERY AND THE OLD SOUTH
3 sem. hrs.

Historiography of slavery and the pre-Civil War South. Prerequisite: HIS 135 or 257 or consent instructor.

320 LINCOLN: THE MAN AND HIS TIMES
3 sem. hrs.

Attention directed especially toward the work of Lincoln in Illinois, his leadership during the Civil War, and his relationships with people and events of his time. Prerequisite: Any 200-level American History course or consent instructor.

322 AMERICAN URBAN HISTORY
3 sem. hrs.

Survey of the history of the American city from the Colonial Era to the present. Prerequisite: 1 of the following: ECO 238, GEO 204, HIS 200, POL 209, SOC 271; or consent instructor.

323 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1620-1860
3 sem. hrs.

American progress in the fine arts, philosophy, literature, and science from Puritan times to 1860. Prerequisite: HIS 135 or consent instructor.

324 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1860-PRESENT
3 sem. hrs.

The impact of naturalism, industrialization, secularization, and urbanization upon American culture since 1860. Prerequisite: HIS 136 or consent instructor.

329 RURAL LIFE AND SOCIETY IN THE U.S.: 1800-PRESENT
3 sem. hrs.

Examines American rural society from 1800 to the present, with emphasis on the impact of change upon farming communities. Prerequisite: Any 100- or 200-level United States History course or consent instructor.

330 THE FAMILY IN HISTORY
3 sem. hrs.

History of the family in Europe and America, viewing the changes from idealist, economic determinist, family systems, and psychoanalytic perspectives. Prerequisite: Any 100- or 200-level HIS course or consent instructor.

335 THE HOLOCAUST: THE EVENT AND ITS AFTERMATH
3 sem. hrs.

Study of the Holocaust, frequently regarded as the defining event of the 20th century, its pre-history, and its aftermath.

345 FRENCH REVOLUTION AND NAPOLEON: 1789-1815
3 sem. hrs.

Society, culture and government under the monarchy; destruction of the old order; rise and fall of Napoleonic France. Prerequisite: Any 200-level European History course or consent instructor.

351 ANCIENT NEAR EAST
3 sem. hrs.

The civilizations of Mesopotamia and Egypt from the neolithic period to 500 B.C. Prerequisite: Any 200- or 300-level non-United States History course or consent instructor.

355 POPULAR CULTURE IN EARLY MODERN EUROPE
3 sem. hrs.

History of the culture of the common population of Europe 1400 to 1800: pre-conditions, formation, principal elements, decline of the culture.

356 THE ENLIGHTENMENT
3 sem. hrs.

Intellectual and social history of the Western world during the 18th century. Prerequisite: HIS 102 or consent instructor.

357 LATE MEDIEVAL AND EARLY MODERN BRITAIN
3 sem. hrs.

Selected topics in British history, c. 1350 - c. 1750. Not for credit if had 226, 227, 359, or 360. Prerequisite: HIS 231 or consent instructor.

366 SOVIET RUSSIA
3 sem. hrs.

Study of communist revolution, culture, and dictatorship and its transformation into a contemporary European democracy.

373 HISTORY OF MODERN CHINA
3 sem. hrs.

Concentrates on the Western and Chinese collision since the 1800's and the responses of traditional, national, and contemporary China to modernization.

375 HISTORY OF MODERN JAPAN
3 sem. hrs.

Concentrates on Japan's modernization, goals of Meiji leaders, contradictory tendencies of pre-war Japan, and contemporary Japan.

378 ISLAM
3 sem. hrs.

In-depth study of Islam, focusing on ideas rather than events. Topics include law, mysticism, art, and resurgent Islam.

390 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY II 3 sem. hrs.

Includes Clinical Experiences. History-Social Science materials, use of instructional models, and clinical experiences. Must be completed prior to student teaching. Prerequisites: Grade of C or better in HIS 290 and C&I 216 or concurrent registration. Admission to Student Teaching.

394 ORAL HISTORY 3 sem. hrs.

Study and use of oral history as a research tool, and its application as a research technique. Prerequisite: HIS 135 or 136 or consent instructor.

395 ARCHIVES AND MANUSCRIPTS 3 sem. hrs.

Nature, acquisition, processing and use of archives and manuscripts. Emphasis on theory and principles with practical exercises. Prerequisite: Any 200-level HIS course or consent instructor.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN HISTORY 1-16 sem. hrs.

Planned, supervised experience in a professional capacity in archives, business, government, historical archaeology, historical preservation, historical editing and publishing, historical societies, museums, or other application of history. Maximum 6 hours towards HIS/HIS Ed major. Prerequisites: Consent of department's intern coordinator; 75 hours completed; 2.60 GPA overall and in major; History major (includes those in History-Social Sciences Teacher Education Sequence) only.

LANGUAGES, LITERATURES, AND CULTURES (LAN) 430

114 Stevenson Hall, (309) 438-3604

Web address: LLC.IllinoisState.edu

Email address: foreignlanguages@ilstu.edu

Chairperson: Daniel L. Everett.

Tenured/Tenure-track Faculty:

Professors: Alstrum, Everett, Nance, Reid, Thomas, Trouille, van der Laan, Weeks.

Associate Professors: Burningham, Druker, Heggie, Mir, Pancrazio, Pao, Segelcke.

Assistant Professors: Curto, Davis, Hildebrandt, Lynd, Shively, Schmeiser.

General Department Information

HONORS IN LANGUAGES, LITERATURES, AND CULTURES

The Department invites highly qualified majors (or double majors) to distinguish themselves by earning honors in French, German, or Spanish. To be admitted to the program a student must: (1) have completed 60 hours of university-level work; (2) be a declared major or double major in Languages, Literatures, and Cultures; and (3) have a minimum overall GPA of 3.30 with a GPA of 3.60 in the chosen language.

History; Languages, Literatures, and Cultures

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In order to graduate with departmental honors a student must: (1) complete the general requirements for the major; (2) maintain an overall GPA of 3.30 and a GPA of 3.60 in the major language; (3) complete 9 hours of in-course honors work at the 300-level in the major; (4) complete an honors thesis while enrolled as a senior in either LAN 299, Independent Honors Study, or in their 300-level capstone project; (5) fulfill the general requirements for participation in the University Honors Program. Students interested in participating may obtain additional information from the Director of the Honors Program in Languages, Literatures, and Cultures. The Department also offers in-course honors work for students enrolled in the University Honors Program at the discretion of the instructor.

ASSOCIATED MINORS

The Department of Languages, Literatures, and Cultures participates in the minors in Cognitive Science; Ethnic Studies; International Studies; and Latin American, Caribbean, and Latino/a Studies. For further information, please consult the Department advisor as well as the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog*.

MINOR IN EAST ASIAN STUDIES

Advisor: Roger Thomas

Office: 134 Stevenson Hall

Phone: (309) 438-7982

The Minor in East Asian Studies provides an interdisciplinary approach to exploring the languages, politics, society, and cultures of countries in East Asia. Two tracks are available: a language track, emphasizing language and culture; and an interdisciplinary track, emphasizing the socio-political and cultural dynamics of the countries located in the region and their roles in the world.

Course requirements:

The plan of study must be created in consultation with the East Asian Studies advisor.

- 24 hours required.
- Required courses for all students: two-year sequence in an East Asian language; either Chinese 111, 112, 115, and an additional course approved by the advisor, or Japanese 111, 112, 115, 116.
- Choose one option:
 - **Option 1: Language Track:** LAN (JPN) 231, 232, and one elective from any elective group.
 - **Option 2: Interdisciplinary Track:** In consultation with the East Asian Studies advisor, sufficient electives from at least three of the following groups:

A. Department of Languages, Literatures, and Cultures: LAN (JPN) 111, 112, 115, 116, 231, 232; LAN (CHI) 111, 112, 115;

B. Department of History: HIS 104.02, 269, 275, 276, 373, 375;

C. Department of Politics and Government: POL 140, 245, 345;

D. Department of Philosophy: PHI 208;

E. Department of Sociology and Anthropology:
ANT 294;

F. School of Music: MUS 275.01;

G. Interdisciplinary Studies: IDS 203.10.

See course descriptions by department. Other electives, including coursework taken abroad, may be counted toward the minor with prior approval of the minor advisor.

MINOR IN FOREIGN LANGUAGES IN THE ELEMENTARY SCHOOL (FLES)

For advisement, please contact the Department of Languages, Literatures, and Cultures.

The Minor in Foreign Languages in the Elementary School (FLES) is designed primarily for Elementary Education majors who plan to teach a foreign language as part of the elementary school curriculum. Students take courses in a single target language and a course in FLES methodology, including practicum experience. Completion of the minor constitutes completion of the 18 hour area requirement for Elementary Education.

- A minimum of 23 and a maximum of 31 hours required. The number of hours required for the FLES minor depends on the level at which a student begins the program. Students with no previous foreign language study begin with LAN 111 and complete 31 hours; students with 2 years of high school foreign language (or equivalent) begin with LAN 112 and must complete 27 hours beyond 111; students with 3 or more years of foreign language begin at 115 and must complete 23 hours beyond 112. Consult the Languages, Literatures, and Cultures advisor if additional placement information is needed.
 - Student may complete the FLES minor in French, German, Japanese, or Spanish:
 - Required courses for French FLES: FR 111, 112, 115, 116, 213, 214, 220 or 305, 235; LAN 355.
 - Required courses for German FLES: GER 111, 112, 115, 116, 211, 213, 217, 317; LAN 355.
 - Required courses for Japanese FLES: JPN 111, 112, 115, 116, 231, 232, 285; LAN 355 and 3 approved elective hours.
 - Required courses for Spanish FLES: SPA 111, 112, 115, 116, 213, 214, 223, 243 or 244; LAN 355.
- (LAN 214 not for credit if have ACTFL speaking score of Advanced. See the Languages, Literatures and Cultures advisor for substitute courses.)
- 20 clinical hours of types 1, 2, 4, and 5, usually taken while enrolled in LAN 355.

INTEGRATED BACHELOR OF ARTS (B.A.) AND MASTER OF ARTS (M.A.) IN LANGUAGES, LITERATURES, AND CULTURES

The Integrated Bachelor of Arts (B.A.) and Master of Arts (M.A.) in Languages, Literatures, and Cultures enables a student to complete the B.A. and M.A. degrees in five years. It is available to the most promising Illinois State Uni-

versity, non-teacher education majors in French, German, or Spanish. Students with a 3.50 G.P.A. or higher may apply after they have completed at least two 200-level courses. Applications must be made to Admissions. Two letters of recommendation and a writing sample should be sent to the Department of Languages, Literatures, and Cultures.

Students accepted into the program must have sufficient undergraduate credits (approximately 90 hours) by their senior year in order to take courses for graduate as well as undergraduate credit. They do not normally complete a second undergraduate major.

All regular undergraduate requirements for the B.A. degree outside of the major will apply to candidates for the integrated degree.

Candidates generally take nine hours of graduate credit during their senior year and eighteen (18) hours of graduate credit during their graduate (fifth) year, and one course for joint credit, for the equivalent of thirty (30) graduate hours. Fifteen (15) course hours must be at the 400 level and approved as part of the graduate plan of study. All courses required for the regular B.A. will be completed by the end of the senior year. Should a student decide to leave the integrated B.A./M.A. program and complete only a B.A., all regular undergraduate degree requirements will apply.

The two semesters of graduate study must take place at Illinois State University. B.A./M.A. students are eligible to receive a graduate assistantship during their graduate year and, if they have already completed 120 hours, during the last semester of their fourth year. One hundred forty-seven (147) hours are required for the integrated program. Upon completion of the program, both a Bachelor of Arts degree and a Master of Arts degree will be awarded.

French Sequence: In addition to the 27 hours of graduate study, the French Sequence requires 35 hours of undergraduate study, including French 115, 116, 213, 214, 220, 235 or 335, 305, and four additional 300-level courses approved by the Department.

German Sequence: In addition to the 27 hours of graduate study, the German Sequence requires 35 hours of undergraduate study, including German 115, 116, 211, 213, 217, and six courses at the 300 level approved by the Department.

Spanish Sequence: In addition to the 27 hours of graduate study, the Spanish Sequence requires 33 or 34 hours of undergraduate study, including Spanish 116 or 120, 213, 215, 223, 233, 305; two courses among 323, 324, or 325; and three courses among 310, 311, 336, 337, 360, 385. Only students beginning study at Spanish 116 or higher are eligible for this sequence.

All sequences: The 27 graduate hours for all sequences must be completed with an average GPA of 3.00 or higher in at least three of the following areas: culture, linguistics, literature, and pedagogy. Students must pass a comprehensive examination and may choose to write a master's thesis as part of their graduate requirements. Details about academic requirements may be obtained from the Department of Languages, Literatures, and Cultures.

TEACHER EDUCATION REQUIREMENTS FOR LANGUAGES, LITERATURES, AND CULTURES MAJORS

Students seeking a Teacher Education degree must complete University-Wide Teacher Education program requirements. These include a minimum GPA of 3.00 in the major, a cumulative GPA of 2.75, and Advanced Low score or above on OPI for Student Teaching. All Teacher Education majors must complete LAN 319 and 320. LAN 319 is taken in the fall semester and 320 in the spring semester of the junior or senior year. Teacher Education students are encouraged to apply for Admission to Professional Studies as soon as they have completed 30 hours, and must complete the Professional Education course work, Illinois State University's General Education requirements, and all other Teacher Education requirements (See the University-Wide Teacher Education section of this *Undergraduate Catalog*).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

French Programs

Degree Offered: B.A.

MAJOR IN FRENCH

- A minimum of 35 hours and maximum of 43 hours in French are required. The number of hours required for the Major in French depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 43 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 39 hours beyond FR 111. Stu-

dents with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 35 hours beyond 111 and 112. The best way to assure that a student begins at the right ISU level is to use the above as a reference and then to take the online self-placement test at: <http://www.llc.ilstu.edu/french/placementtest.shtml>.

- Required courses: FR 115, 116, 213, 214, 220, 223, 235, 305, plus 9 elective hours at the 300-level or above including at least one 300-level literature course, and in one of the 300-level courses students must complete a Senior Research Project.

Teacher Certification Sequence:

- A minimum of 41 hours and a maximum of 49 hours in French are required. The number of hours required for the Major in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 49 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 45 hours beyond FR 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 41 hours beyond FR 111 and 112. The best way to assure that a student begins at the right ISU level is to use the above as a reference and then to take the online self-placement test at: <http://www.llc.ilstu.edu/french/placementtest.shtml>.
- Required courses: FR 115, 116, 209, 213, 214, 220, 223, 235, 305; LAN 319, 320; and either FR 314 or 325, plus one 300-level elective and sufficient other electives to meet the total hour requirement as indicated above.
- Part of entitlement program leading to K-12 (Type 10) certification.
- Recommended electives: FR 335, 340; LAN 321.

MINOR IN FRENCH

- 25 hours in French required.
- Required courses: FR 111, 112, 115, 116, 213; plus sufficient electives to meet the 25-hour requirement.

MINOR IN FRENCH

For Teacher Education:

- A minimum of 27 and a maximum of 35 hours in French are required. The number of hours required for the Minor in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 35 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 31 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 27 hours beyond 111 and 112.
- Required courses: FR 115, 116, 209, 213, 214; LAN 319; plus sufficient electives to meet the total hour requirements as indicated above.

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- Recommended electives: FR 220, 223, 235, 314, 325, 335, 340; LAN 320, 321.

The French for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

German Programs

Degree Offered: B.A.

MAJOR IN GERMAN

- 35-43 hours in German required.
- Required courses: GER 115, 116, 211, 213, 217, 310, 317, 322, 385, and sufficient electives to meet the total hour requirement indicated above.
- The number of hours required for the Major in German depends on the level at which the student begins the program. Students with no previous study in German begin in GER 111 and are required to complete 43 hours. Students with 2 years of high school German or equivalent normally begin with GER 112 and are required to complete 39 hours, exclusive of GER 111. Students with 3 years of high school German or equivalent normally begin in GER 115 and are required to complete 35 hours, exclusive of GER 111 and 112.

Teacher Certification Sequence:

- 41-49 hours in German required. Part of entitlement program leading to K-12 (Type 10) certification.
- Required courses: GER 115, 116, 211, 213, 217, 310, 317, 322; LAN 319, 320; and sufficient electives to meet the total hour requirement indicated below.
- Recommended electives: GER 385 (course may be repeated if content is different); LAN 321.
- The number of hours required for the Major in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 49 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 45 hours, exclusive of GER 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 41 hours, exclusive of GER 111 and 112.

MINOR IN GERMAN

- 25 hours in German required.
- Required courses: GER 111, 112, 115, 116, 211, 213, plus one 300-level course to meet the 25-hour minimum.

MINOR IN GERMAN**For Teacher Education:**

- 27-35 hours in German required.
- Required courses: German 115, 116, 211, 213, 217; LAN 319, plus sufficient electives to meet the total hour requirement indicated previously.
- Recommended electives: GER 310, 317, 322; LAN 320, 321.
- The number of hours required for the Minor in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 35 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 31 hours, exclusive of GER 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 27 hours, exclusive of GER 111 and 112.

The German for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

Italian Program**MINOR IN ITALIAN STUDIES**

Advisor: Jonathan Druker

Office: 240 Stevenson Hall

Phone: (309) 438-7978

- 25 hours in Italian and related courses required.
- Required courses: ITN 111, 112, 115, 116, plus three elective courses to meet the 25-hour requirement.
- Approved electives: ITN 221, 222; HIS 107, 221, 224; ART 375 or others approved by the Department.
- Other courses taken in Italy may be counted toward the minor with prior approval of the minor advisor.

Latin Program**MINOR IN LATIN**

- 25 hours in Latin and related courses required.
- Required courses: LAT 111, 112, 115, 116 plus sufficient electives to meet the 25-hour minimum.
- Electives: LAN 106; HIS 220, 221; PHI 254; ART 368, or others approved by the Department.

NOTE: A student seeking endorsement in teaching Latin must pass a State of Illinois content exam.

Spanish Programs

Degree Offered: B.A.

MAJOR IN SPANISH

- A minimum of 34 hours and a maximum of 43 hours in Spanish required. The number of hours required for the Major in Spanish depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 43 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 39 hours beyond 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 35 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 1 of the following: SPA 243, 244, 1 of the following: 323, 324, 325; plus 3 additional 300-level Spanish courses, AND in one of the 300-level courses, students must complete a capstone synthetic project.
- Recommended electives: SPA 214 (not for credit if ACTFL speaking score is Advanced).

Teacher Certification Sequence:

- Part of entitlement program leading to K-12 (Type 10) certification.
- A minimum of 40 hours and a maximum of 49 hours in Spanish required. The number of hours required for the Major in Spanish for Teacher Certification depends upon the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 49 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 45 hours beyond SPA 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 41 hours beyond SPA 111 and SPA 112.
- Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 243, 244; LAN 319, 320; plus sufficient electives to meet the total hour requirement previously indicated (2 of the 3 possible electives must be at the 300 level).
- Recommended electives: SPA 214, 305, 310, 311, 323, 324, 325, 360 (214 is not for credit if the ACTFL speaking score is Advanced); LAN 321.

MINOR IN SPANISH

- 24 hours in Spanish required.
- Required courses: SPA 111, 112, 115, 116 or 120, 213, 214 or 223 (214 not for credit if have ACTFL speaking score of Advanced), SPA 215 or 233, plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended elective: SPA 223, if not taken to fulfill requirement.
- The Department reserves the right to limit the number of minors in times of oversubscription.

MINOR IN SPANISH

For Teacher Education:

- A minimum of 26 and a maximum of 35 hours in Spanish required. The number of hours required for the Minor in Spanish for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 35 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 31 hours beyond SPA 111. Students with three years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 27 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116 or 120, 213, 214 or 223, 215 or 233; LAN 319; plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended electives: SPA 214, 243, 244, 305 (214 is not for credit if ACTFL speaking score is Advanced); LAN 319, 320, 321.
- The Department reserves the right to limit the number of minors in times of oversubscription.

The Spanish for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

Languages, Literatures, and Cultures Courses

Consult the department or University Website at IllinoisState.edu to determine which courses will be offered in a given semester.

For those languages which have no specific placement recommendations listed in this *Undergraduate Catalog*, students who have had no prior instruction in a foreign language, or 1 year of instruction, should enroll in the 111 course for the appropriate language. Students who have had 2, 3, or 4 years generally enroll in 112, 115, or 116 respectively. If prior language study took place more than 1 year earlier, a student may choose to enroll at a lower level. Transfer students and native speakers should consult with the Department's academic advisor to determine proper placement.

CREDIT FOR ACQUIRED PROFICIENCY (CAP)

If the first Languages, Literatures, and Cultures course in which a student enrolls is above 111 in the regular sequence (112, 115, 116 or above), he or she may be eligible for proficiency acquired elsewhere. Student must apply for CAP by filling out a short form in the Department of Languages, Literatures, and Cultures.

Credit toward graduation for acquired proficiency will be granted upon completion at Illinois State University of 1 course (excluding Independent Study) with the grade of C or better. It is recommended that the course be taken as soon as

possible after matriculation at Illinois State University. Students are reminded that no course in the major or minor may be taken under the CT/NC option.

Students beginning at the 112-level and fulfilling the previous requirements will be granted 4 hours of CAP. Students beginning at the 115-level or above and fulfilling the above requirements will be granted 8 hours of CAP.

300-Level Languages, Literatures, and Cultures Courses:

Instruction in courses in literature and culture of the major fields of specialization (French, German, Spanish) will be given in the language of specialization whenever possible.

General Courses

106 MYTH AND MEANING OC-H 3 sem. hrs.

Major myths of the world; their nature, origins, cultural significance, interpretation, and relevance today. Prerequisites: ENG 101; COM 110. MC-LH category recommended.

125 LITERARY NARRATIVE MC-LH 3 sem. hrs.

Critical reading and analysis of a variety of literary narratives that reflect on human experience. May not be taken under the CT/NC option. Also offered as ENG 125. Prerequisites: ENG 101; COM 110 or concurrent registration.

128 GENDER IN THE HUMANITIES MC-LH 3 sem. hrs.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures. May not be taken under the CT/NC option. Also offered as COM/ENG 128. Prerequisites: ENG 101; COM 110 or concurrent registration.

143 UNITY AND DIVERSITY IN LANGUAGE OC-SS 3 sem. hrs.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities. Also offered as ANT/ENG 143. Prerequisite: Inner Core.

206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA OC-H 3 sem. hrs.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern. Also offered as ENG 206. Prerequisites: ENG 101; COM 110; MC-IS category. WGS 120 recommended.

292 CAREERS IN FOREIGN LANGUAGES 1 sem. hr.

Provides students with career information and job search techniques. Formerly *CAREER DEVELOPMENT FOR FOREIGN LANGUAGE MAJORS*. Prerequisite: LAN major/minor only.

300 RESEARCH IN FOREIGN LANGUAGES 1-3 sem. hrs.

Supervised work in a foreign literature, in comparative language studies, or in educational materials for foreign language laboratory. Assignments will depend on the preparation and interest of the student. May repeat if content differs. Prerequisite: Consent department chair.

319 PRINCIPLES IN FOREIGN LANGUAGE LEARNING 4 sem. hrs.

Exploration and application of recent scholarship, standards-based instruction and methods of teaching, integrated with field experiences. Includes Clinical Experiences: 35 hours, Type 1, 2, 5, 9, 10. Prerequisites: B or better in FR 235 or SPA 213 or GER 310. C or better in C&I 210 and C&I 216 or concurrent registration. Admission to Professional Studies. Intermediate High score or above on OPI.

320 FOREIGN LANGUAGE TEACHING IN THE K-12 SETTING 2 sem. hrs.

Methods of teaching foreign languages in K-12 schools. Special emphasis is given to materials and activities leading to mastery. Includes Clinical Experiences: 12 hours, Type 1, 5, 10. Formerly *FOREIGN LANGUAGE TEACHING IN THE SECONDARY SCHOOL*. Prerequisites: B or better in LAN 319. Admission to Professional Studies.

321 INTEGRATING TECHNOLOGY INTO THE FOREIGN LANGUAGE CLASSROOM 2 sem. hrs.

Supplementing the basic methodology of Foreign Language teaching with media materials and the techniques for their use in the language classroom. Formerly *MEDIA MATERIALS AND USE IN THE TEACHING OF FOREIGN LANGUAGES*. Prerequisites: C or better in C&I 216 or PSY 215 or concurrent registration. COM 240 recommended.

350 FOREIGN LANGUAGE TESTING AND ASSESSMENT 3 sem. hrs.

Exploration of development and uses of language tests according to current views of foreign language teaching. Prerequisites: FR, GER, or SPA 213 or equivalent; foreign language proficiency; LAN 319 recommended.

398 PROFESSIONAL PRACTICE: INTERNSHIPS AND COOPERATIVE EDUCATION IN FOREIGN LANGUAGE 1-16 sem. hrs.

Maximum 16 hours toward graduation. Depending upon nature of placement, department may allow 1-4 hours to count toward major/minor in language used. May be repeated. Prerequisites: Complete department application procedure.

Chinese Courses

111 FIRST-YEAR CHINESE (PART I) 4 sem. hrs.

Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR CHINESE (PART II)**4 sem. hrs.**

Continuation of Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary. Prerequisites: Chinese 111 or consent instructor.

115 SECOND-YEAR CHINESE (PART I)**4 sem. hrs.**

Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities. Prerequisites: Chinese 112 or consent instructor.

French Courses

111 FIRST-YEAR FRENCH (PART I)**4 sem. hrs.**

Pronunciation; essentials of grammar; exercises in hearing, speaking and writing French; reading material of graded difficulty. Not recommended if student had 3 years of high school French. Not for credit if had FR 115 or 116.

112 FIRST-YEAR FRENCH (PART II)**4 sem. hrs.**

Continuation of Part I. Not for credit if had FR 115 or 116.

115 SECOND-YEAR FRENCH (PART I)**4 sem. hrs.**

Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisites: FR 112 or high school French equivalent.

116 SECOND-YEAR FRENCH (PART II) MC-LH**4 sem. hrs.**

Continuation of FR 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisites: FR 115. ENG 101 required if course taken as part of General Education program.

209 FRENCH PHONETICS**3 sem. hrs.**

Scientific approach to French pronunciation, correct formation of French sounds, practical application of the theory of phonetics. Formerly FR 309. Prerequisite: FR 116.

**213 ADVANCED TECHNIQUES
IN WRITTEN FRENCH****3 sem. hrs.**

Written communication skills in French. Formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Grammar review. Prerequisite: FR 116.

**214 ADVANCED FRENCH CONVERSATION
AND CONTEMPORARY CULTURE****3 sem. hrs.**

Introduction to contemporary French culture and development of oral communication and listening skills. Prerequisite: FR 116.

**220 ADVANCED FRENCH READING
AND VOCABULARY SKILLS****3 sem. hrs.**

Vocabulary building through the reading and discussion of representative French poems, plays, and prose texts. Grammar review. Prerequisites: FR 213.

**223 INTRODUCTION TO FRENCH
LITERATURE IN CONTEXT****3 sem. hrs.**

Introduction to major works of French literature in their cultural and socio-historical contexts. Not for credit if had FR 221, 222. Prerequisites: FR 213 and 220.

235 ADVANCED FRENCH GRAMMAR**3 sem. hrs.**

Systematic study of the morphology and syntax of the modern French language. Prerequisites: 2 courses beyond FR 116. FR 213 and 220 recommended.

305 HISTOIRE DE LA CIVILISATION FRANCAISE**3 sem. hrs.**

Survey of French culture and civilization from ancient times to the present day. May repeat if content differs. Prerequisites: 2 courses beyond FR 116.

**314 STUDIES IN CONTEMPORARY
FRANCOPHONE CULTURE****3 sem. hrs.**

Introduction to Francophone cultures, primarily outside France, through the study of literary texts, films, and historiography. May be repeated if content differs. Formerly *STUDIES IN CONTEMPORARY FRENCH AND FRANCOPHONE CULTURE*. Prerequisites: 2 courses beyond FR 116.

**325 SELECTED TOPICS IN FRANCOPHONE
LITERATURE AND CULTURE****3 sem. hrs.**

Readings of representative literary works in their cultural contexts written in French by authors residing outside France. May repeat if content differs. Prerequisites: 2 courses beyond FR 116.

**327 SELECTED TOPICS IN SEVENTEENTH-
AND EIGHTEENTH-CENTURY FRENCH
LITERATURE AND CULTURE****3 sem. hrs.**

Readings of representative seventeenth- and/or eighteenth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts. May repeat if content differs. Prerequisites: 2 courses beyond FR 116.

**328 SELECTED TOPICS IN NINETEENTH-
AND TWENTIETH-CENTURY
FRENCH LITERATURE AND CULTURE****3 sem. hrs.**

Readings of representative nineteenth- and/or twentieth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts. May repeat if content differs. Prerequisites: 2 courses beyond FR 116.

**335 COMPARATIVE FRENCH/ENGLISH
GRAMMAR AND STYLE****3 sem. hrs.**

Intensive, advanced, comparative grammar, and composition, including analysis of stylistic differences between French and English. Prerequisite: FR 235 or consent instructor.

**340 INTRODUCTION TO APPLIED
FRENCH LINGUISTICS****3 sem. hrs.**

Principles and methods of objective language analysis applied to relevant issues in the French language and the teaching of French. Prerequisite: FR 235.

385 SELECTED TOPICS IN FRENCH LITERATURE 3 sem. hrs.

Intensive study of a genre, group of authors or a single major writer in French literature. This study varies each semester. May repeat if content differs. Prerequisites: 2 courses beyond FR 116.

German Courses

111 FIRST-YEAR GERMAN (PART I) 4 sem. hrs.

Pronunciation, essentials of grammar, reading materials of graded difficulty, oral and written exercises. Not recommended if student had 3 years high school German. Not for credit if had GER 115 or 116.

112 FIRST-YEAR GERMAN (PART II) 4 sem. hrs.

Continuation of Part I. Not recommended if student had 3 years high school German. Not for credit if had GER 115 or 116.

115 SECOND-YEAR GERMAN (PART I) 4 sem. hrs.

Class reading of short stories, plays and essays. Grammar review, oral and written composition. Prerequisites: GER 112 or 2 years high school German.

116 SECOND-YEAR GERMAN (PART II) MC-LH 4 sem. hrs.

Continuation of GER 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisites: GER 115. ENG 101 required if course taken as part of General Education program.

211 INTRODUCTION TO GERMAN LITERATURE 3 sem. hrs.

Readings and analysis of selected short stories, plays, poetry, and other literary forms as first general introduction to German literature. Prerequisite: GER 116 or equivalent.

213 INTERMEDIATE GERMAN COMPOSITION 3 sem. hrs.

Study of written communication skills in German, vocabulary building, correct phrasing and style, writing strategies, use of dictionaries and reference materials. Prerequisite: GER 116 or consent department chair.

217 GERMAN CULTURE AND CIVILIZATION 3 sem. hrs.

Overview of German culture from the beginning to World War I as derived from selected readings and class discussions. Prerequisite: GER 116 or consent department chair.

310 ADVANCED STUDY OF THE GERMAN LANGUAGE 3 sem. hrs.

The study of linguistic concepts and their advanced application through the integration of practical work to improve language skills with appropriate theoretical topics in linguistics. Not for credit if had GER 309. Prerequisite: GER 213 or consent department chair.

317 CONTEMPORARY ISSUES OF THE GERMAN-SPEAKING COUNTRIES 3 sem. hrs.

Development of advanced German skills in reading, writing, speaking, and listening through a study of contemporary issues of the German-speaking countries since World War I, as reflected in essays and articles. Prerequisite: GER 217 or consent department chair.

322 SURVEY OF GERMAN LITERATURE 3 sem. hrs.

Reading and discussion of representative works of the most important authors from the early 19th century to the present. Prerequisite: GER 211 or consent department chair.

385 SELECTED TOPICS IN GERMAN LITERATURE OR CULTURE 3 sem. hrs.

Intensive study of a theme, genre, including film, group of authors, or a single major writer in German literature. May repeat if content differs. Prerequisite: GER 211 or consent department chair.

Italian Courses

111 FIRST-YEAR ITALIAN (PART I) 4 sem. hrs.

Pronunciation; essentials of grammar; exercises in comprehending, speaking, and reading material of graded difficulty.

112 FIRST-YEAR ITALIAN (PART II) 4 sem. hrs.

Continuation of Part I.

115 SECOND-YEAR ITALIAN (PART I) 4 sem. hrs.

Continued development of aural-oral skills, reading and writing in Italian. Prerequisite: ITN 112 or consent department chair.

116 SECOND-YEAR ITALIAN (PART II) MC-LH 4 sem. hrs.

Continuation of ITN 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisites: ITN 115 or consent department chair. ENG 101 required if course taken as part of General Education program.

221 ADVANCED ITALIAN CONVERSATION AND CONTEMPORARY SOCIETY 3 sem. hrs.

Study of issues in contemporary Italian society; refinement of oral skills and reading comprehension. Prerequisite: ITN 116 or equivalent.

222 INTRODUCTION TO MODERN ITALIAN LITERATURE AND FILM 3 sem. hrs.

Study of representative modern literary texts; viewing and analysis of significant Italian films; advanced grammar and composition. Prerequisite: ITN 116 or equivalent.

Japanese Courses

111 FIRST-YEAR JAPANESE (PART I)

4 sem. hrs.

Introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR JAPANESE (PART II)

4 sem. hrs.

Continuation of introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary. Prerequisite: JPN 111.

115 SECOND-YEAR JAPANESE (PART I)

4 sem. hrs.

Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities. Prerequisite: JPN 112 or consent department chair.

116 SECOND-YEAR JAPANESE (PART II) MC-LH

4 sem. hrs.

Continuation of JPN 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisites: JPN 115 or consent department chair. ENG 101 required if course taken as part of General Education program.

231 JAPANESE CONVERSATION AND COMPOSITION

3 sem. hrs.

Further development of written and oral skills through guided conversations and compositions on topics from contemporary Japanese civilization. Prerequisite: JPN 116 or consent department chair.

232 ADVANCED JAPANESE READING AND COMPOSITION

3 sem. hrs.

Development of reading fluency and writing proficiency in modern Japanese through study of unadapted texts, including selections from modern fiction. Prerequisite: JPN 231 or consent department chair.

Latin Courses

111 FIRST-YEAR LATIN (PART I)

4 sem. hrs.

Pronunciation; essentials of grammar; reading graded material; exercises in writing easy Latin; consideration of the Latin element in English.

112 FIRST-YEAR LATIN (PART II)

4 sem. hrs.

Continuation of Part I.

115 SECOND-YEAR LATIN (PART I)

4 sem. hrs.

Review of Latin fundamentals. Practice in writing simple Latin. Reading beginning with graded Latin selections and progressing to selections from various authors. Prerequisites: LAT 112 or high school Latin equivalent or consent department chair.

116 SECOND-YEAR LATIN (PART II) MC-LH

4 sem. hrs.

Continuation of Part I. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisites: LAT 115. ENG 101 required if course taken as part of General Education program.

Spanish Courses

Heritage speakers of Spanish should consult the Department for further information.

111 FIRST-YEAR SPANISH (PART I)

4 sem. hrs.

Fundamentals of grammar. Practice in speaking, understanding, reading and writing Spanish. Not recommended if student had 3 years high school Spanish. Not for credit if had SPA 115, 116 or 120.

112 FIRST-YEAR SPANISH (PART II)

4 sem. hrs.

Continuation of Part I. Not recommended if student had 3 years high school Spanish. Not for credit if had SPA 115, 116 or 120.

115 SECOND-YEAR SPANISH (PART I)

4 sem. hrs.

Review of Spanish grammar, vocabulary building, oral and written practice. Prerequisites: SPA 111 and 112 or equivalent.

116 SECOND-YEAR SPANISH (PART II) MC-LH

4 sem. hrs.

Continuation of SPA 115. Class reading of short stories, plays, and essays. Grammar review and oral proficiency emphasized. This course is writing intensive. Prerequisites: SPA 115. ENG 101 required if course taken as part of General Education program. Can be taken concurrently with SPA 213.

120 INTRODUCTION TO ACADEMIC SPANISH FOR SPANISH SPEAKERS

MC-LH

3 sem. hrs.

Introduction to the basics of grammar, spelling, and vocabulary of formal academic Spanish for students who already speak Spanish. Not for credit if had 116. Prerequisite: Ability to speak Spanish at the high intermediate level, sufficient to carry on informal everyday conversations fluently.

213 SPANISH GRAMMAR

3 sem. hrs.

Detailed study of Spanish grammar emphasizing technical and stylistic aspects of native language patterns. Formerly *ADVANCED SPANISH GRAMMAR*. Prerequisites: B or better in SPA 115 if taken concurrently with 213, or B or better in SPA 116 or 120.

214 CONVERSATION AND CULTURE IN SPANISH

3 sem. hrs.

Focus on oral communication skills: topics will emphasize cultures in Spain, Latin American and Spanish-speaking regions of the United States. Not for credit if have ACTFL speaking score of Advanced. Formerly *ADVANCED TECHNIQUES IN SPOKEN SPANISH*. Prerequisite: C or better in SPA 116 or 120.

215 INTRODUCTION TO SPANISH LINGUISTICS**3 sem. hrs.**

Principles and methods of objective language analysis applied to relevant issues in Spanish. Prerequisite: B or better in SPA 213.

223 ADVANCED SPANISH COMPOSITION**3 sem. hrs.**

Study of advanced composition skills in Spanish, including formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Prerequisite: B or better in SPA 213.

233 INTRODUCTION TO HISPANIC LITERATURE**3 sem. hrs.**

Reading and analysis of representative poems, plays and prose texts as first general introduction to Spanish and Spanish-American literature. Prerequisite: B or better in SPA 213.

240 BUSINESS SPANISH**3 sem. hrs.**

Development of practical language skills needed for doing business in the Spanish speaking world from a cultural and commercial perspective. Prerequisites: Grade of C or better in SPA 116, 120, 213 or 223 recommended.

243 CULTURA ESPAÑOLA**3 sem. hrs.**

Spanish customs and institutions in their historical perspective. Formerly *CIVILIZACIÓN ESPAÑOLA*. Prerequisites: SPA 213 required; SPA 223 recommended.

244 CULTURA HISPANOAMERICANA**3 sem. hrs.**

Cultural life and customs of Spanish-speaking countries in the Americas. Formerly *CIVILIZACIÓN HISPANO-AMERICANA*. Prerequisites: SPA 213 required; SPA 223 recommended.

301 SERVING SPANISH-SPEAKING POPULATIONS**3 sem. hrs.**

Basic Spanish for initial professional encounters with Spanish-speaking populations, examination of linguistic and cultural issues that affect professional effectiveness. Not for credit SPA major/minor. Prerequisites: Admission to a major and completion of at least 2 courses in major (may sub professional experience with consent of instructor).

305 CURRENT TOPICS IN HISPANIC CIVILIZATION AND CULTURE**3 sem. hrs.**

Recent trends, issues and changes in Spanish-speaking world. Varying topics and pedagogical strategies for teaching culture. May be repeated if content different. Prerequisites: SPA 217 or 218 or 243 or 244.

310 SPANISH SYNTAX**3 sem. hrs.**

In-depth study of grammatical structures and the relations between structure and meaning based on current analytic approaches to syntax. Prerequisite: SPA 215 or consent of instructor.

311 SPANISH PHONETICS AND PHONOLOGY**3 sem. hrs.**

In-depth study of the fundamental concepts of Spanish Phonetics and Phonology. The course treats the Spanish sound system and its core phonological processes. Prerequisite: SPA 215 or consent instructor.

323 SPANISH LITERATURE: MEDIEVAL AND RENAISSANCE**3 sem. hrs.**

Reading and analysis of major Spanish writers from the Medieval period through the Renaissance, in their literary and cultural contexts. Formerly SPA 253 *SURVEY OF SPANISH LITERATURE I*. Prerequisite: SPA 233.

324 SPANISH LITERATURE: 18TH CENTURY TO PRESENT DAY**3 sem. hrs.**

Reading and analysis of major Spanish writers from the 18th century to the present day, in their literary and cultural contexts. Formerly SPA 254 *SURVEY OF SPANISH LITERATURE II*. Prerequisite: SPA 233.

325 SPANISH AMERICAN LITERATURE**3 sem. hrs.**

Reading and analysis of major Spanish American writers, in their literary and cultural contexts. Formerly SPA 255 *SURVEY OF SPANISH AMERICAN LITERATURE*. Prerequisite: SPA 233.

336 SELECTED TOPICS IN SPANISH-AMERICAN LITERATURE**3 sem. hrs.**

Variable topics providing in-depth study of major authors, works, genres, themes, or movements. May repeat if content differs. Prerequisite: SPA 323 or 324 or 325.

337 SELECTED TOPICS IN PENINSULAR SPANISH LITERATURE**3 sem. hrs.**

In-depth study of major authors, works, genres, themes, or movements in Spanish literature from the Middle Ages to the present. May repeat if content differs. Formerly *SELECTED TOPICS IN MODERN-PENINSULAR SPANISH LITERATURE*. Prerequisite: SPA 323 or 324 or 325.

360 STUDIES IN SPANISH LINGUISTICS**3 sem. hrs.**

Detailed study of a particular linguistic subdiscipline of the Spanish language. May repeat if content differs. Prerequisite: SPA 215.

370 TOPICS IN SPANISH PEDAGOGY**3 sem. hrs.**

Exploration of different pedagogical issues for the Spanish language classroom. May repeat if content differs. Prerequisite: SPA 310 or consent instructor. LAN 319 recommended.

385 TOPICS IN HISPANIC LITERATURE**3 sem. hrs.**

Intensive study of a genre, movement, author or work. This study varies each semester. May repeat if content differs. Formerly *SELECTED TOPICS IN SPANISH LITERATURE*. Prerequisite: SPA 323 or 324 or 325.

MATHEMATICS (MAT) 452

313 Stevenson Hall, (309) 438-8781

Web address: Math.IllinoisState.edu

Chairperson: George Seelinger.

Tenured/Tenure-track Faculty:

Professors: Clements, Eggleton, Ellerton, El-Zanati, Gamage, Langrall, Martin, Ostaszewski, Plantholt, Presmeg, Tipnis.

Associate Professors: F. Akman, O. Akman, Barrett, Cheng, Ionescu, Jordon, Meier, Mooney, Rich, Seelinger, Sissokho, Thiagarajah, Yamskulna, Zhao.

Assistant Professors: Barker, Cullen, Tobias, Winsor.

For current information on faculty interests and email addresses, Mathematics programs, and schedule of classes, visit our Internet Website: www.math.ilstu.edu.

General Department Information

Mathematics Requirements for Elementary and Middle School Education Majors:

Middle School Mathematics Specialization:

- 30 hours required.
- Required courses: MAT 130, 131, 202, 302, 304, 309 and 312;
- Electives (choose one): MAT 307, 314, or 315.

Middle School Mathematics Endorsement:

- 22 hours, 18 hours of mathematics content and 4 hours of middle grades mathematics methods. C&I 233 and PSY 302 are also required.
- Required courses: MAT 130, 131, 202, 302, 309, and 312.
- **NOTE:** Students completing the Middle School Mathematics Specialization also qualify for the Middle School Mathematics Endorsement.

Elementary Education or Early Childhood Education Major Area of Concentration in Mathematics:

- 18 hours of mathematics content courses required.
- Required courses: MAT 130, 131, 202, 309 and 312.

Cooperative Education/Internship in Mathematics:

The Department offers a Cooperative Education/Internship program for undergraduate Mathematics majors which provides for practical work experience in business, government, or industry. Students interested in participating in the program may secure further information by contacting the Mathematics Department Office.

HONORS IN MATHEMATICS

The Department offers an honors program for majors emphasizing a broad liberal arts program with requirements in Mathematics and in the General Education Program. Students interested in participating in departmental honors programs may secure further information by contacting the Undergraduate Director. In addition students must

fulfill the general requirements for participation in the University Honors Program. Completion of the program will be posted on a student's transcript and diploma. The Department also offers in-course honors for students enrolled in the University Honors Program.

MINOR IN COGNITIVE SCIENCE

The Department of Mathematics participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult a Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

Mathematics Programs

Degrees Offered: B.A., B.S.

Career Information for Mathematics Majors and Minors:

Career needs in a wide variety of vocations are met by the diverse course offerings in the Mathematics Department. These include vocations in Secondary Teaching, Business Management, Statistics, and Actuarial Science; vocations that involve research or applications of Mathematics in business, government, and industry; and vocations involving research or applications of Mathematics in the physical and social sciences. The needs of those preparing for continued study and research in Mathematics are met also by the departmental offerings. The undergraduate degree programs are designed to be sufficiently flexible to meet career aspirations, to allow for individual exploration in various areas of interest, and also to permit suitable breadth for a liberal education.

Students are urged to consult with the Mathematics Undergraduate Director or Mathematics faculty in planning their programs. Information on careers in Mathematics can be secured from the Mathematics Undergraduate Director and from the Mathematics Career Center in Stevenson 313.

Students interested in meeting the requirements for certification to teach secondary school Mathematics must consult with a Mathematics Education advisor to design a special program of studies.

Students preparing for a specific career are advised to include courses from the appropriate list(s) that follow. The courses with an **asterisk** should be among those selected. Those wishing a major or minor in Mathematics should select additional courses from the list as well. (Note that some courses in the following lists may not count toward major or minor requirements.):

- **Business Management:** MAT 250, 260, 337, 340, 350, 351*, 353, 356, 361, 362*, 363, 378.
- **Secondary Teaching:** MAT 210, 211*, 223*, 236*, 247, 260*, 268, 320, 321, 323*, 324*, 326*, 330*, 336, 347, 350, 351, 362, 378.
- **Business, Government, and Industry:** MAT 250, 260, 337, 340*, 341, 345, 351*, 353, 356*, 361, 362, 363, 378.
- **Applications or Research in Physical Sciences:** MAT 236, 250, 336, 337, 340*, 341*, 345*, 350, 378.

- **Applications or Research in Social Sciences:** MAT 250, 260, 337, 340, 350*, 351*, 356*, 361, 362, 363, 378.
- **Graduate Study and Research in Mathematics:** MAT 210, 236*, 247, 330, 336*, 337*, 340, 341, 345, 347*, 350, 351, 361, 378.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Departmental requirements for admission to the University Professional Studies program include a minimum Mathematics GPA of 2.20, a cumulative GPA of 2.50 and completion of Calculus I, II, and III and MAT 223.

The term “Mathematics GPA” used above and throughout this *Undergraduate Catalog* means a GPA computed using all college Mathematics courses completed at Illinois State University that are eligible for credit toward the major as well as other required courses for the major.

The only Mathematics courses that are not eligible for credit toward the major are the following: MAT 102, 104, 108, 113, 119, 120, 121, 130, 131, 150, 152, 160, 162, 201, 202, 298, 298.50, 302, 304, 307, 309, 312, 314, 315, 385. In addition, MAT 280 and 283 are not eligible for credit toward MAT/MAT Education Sequences.

Graduation GPA Requirement for Majors:

The minimum graduation Mathematics GPA is 2.00 for a Mathematics Major, 2.80 for a Mathematics Education Major, 2.50 for Mathematics Major: Actuarial Science Sequence, and 2.00 for Mathematics Major: Statistics Sequence. These grade point averages are computed using the following courses taken at Illinois State: the required English and computer programming courses and all Mathematics courses that are eligible for credit toward the major.

NOTE: Students who have taken calculus in high school may request to take a Calculus Proficiency Test. If proficiency credit is granted, students may begin their Mathematics courses with MAT 146 or a higher-level course.

To ensure proper placement, transfer students should consult with an advisor prior to registration for classes.

MAJOR IN MATHEMATICS

- A minimum of 42 hours in Mathematics required.
- Required courses: MAT 145, 146, 147, 175, 247, 260, 350; ENG 145 or 249 or equivalent.
- 1 computer programming course from: ITK 165, 168. **NOTE:** Hours taken in Information Technology do not count toward the required 42 hours in Mathematics.
- At least 1 course chosen from: MAT 236, 330, 337, 347, 363.

- 2 course-pairs from the following groups. These course-pairs must be selected from different groups:

- Algebra group:** (MAT 236, 336); (MAT 236, 337).
- Analysis group:** (MAT 247, 345); (MAT 247, 347); (MAT 340, 341).
- Discrete group:** (MAT 260, 361); (MAT 260, 362); (MAT 260, 363).
- Statistics group:** (MAT 350, 351); (MAT 350, 378).
- Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Majors:

- Schedule (a) Students beginning with Precalculus
- Schedule (b) Students beginning with Calculus I
- Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147
4	147	175	175, 260
5	175, 260	247, 260	247

Teacher Certification Sequence:

This sequence of the major is part of the entitlement program leading to high school certification.

- A minimum of 53 hours in Mathematics is required with a minimum overall GPA of 2.80 and a minimum Mathematics GPA of 2.80 required for retention and graduation.
- Required courses: MAT 145, 146, 147, 175, 211, 223, 236, 260, 320, 323, 324, 350, 351. **NOTE:** MAT 211 and C&I 216 or equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience.
- Capstone requirement: MAT 268 or 328.
- Computer Science Requirement: One of MAT 326, ITK 165, or 168. **NOTE:** Hours taken to fulfill this computer science requirement do not count toward the required 53 hours in Mathematics.
- At least one additional course must be chosen from 200- or 300-level mathematics courses that are offered for major/minor credit other than MAT 326 and courses designed for the actuarial sequence.
- Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.
- Professional Education Requirements: C&I 212, 214, 216; EAF 228 or 231 or 235; PSY 215; Student Teaching 399.27 (two sections of 5 hours each).
- Submission of senior portfolio that is done in methods classes.
- A 2.80 GPA in the major, C or better in all required major courses, and adherence to all requirements and deadlines is required for admission to Professional Studies and Student Teaching. Application forms and information about deadlines and procedures for admission to Professional Studies and Student Teaching are available from the Council for Teacher Education and on the Mathematics Department website.

Admission to the Mathematics Teacher Certification Sequence is limited and highly competitive.

Suggested Mathematics Schedules for Teacher Certification Sequence Majors:

- Schedule (a) Students beginning with Precalculus
 Schedule (b) Students beginning with Calculus I
 Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146, 223	146, 223
3	146, 223	147	147
4	147	175, 350	175, 260
5	175, 350	211, 260	211, 350

Actuarial Science Sequence:

This sequence of the major is designed to teach the students the mathematical foundations of actuarial science, and to prepare them for careers as actuaries in a variety of fields dealing with the risk of potential financial losses, such as life insurance, health insurance, financial risk management, property/casualty/liability insurance, pensions, or employee benefits.

- 67 hours required.
- Required courses: MAT 145, 146, 147, 175, 280, 350, 351, 353, 380, 383, 384; ACC 131, 132; ECO 105; FIL 242, 250, 341; ITK 168 or ITK 177.
- Submission of senior portfolio (see actuarial advisor).
- Students are encouraged to take MAT 298 (professional internship) MAT 283 (actuarial computing) and intensive reviews for actuarial examinations offered through the Illinois State University Conferencing Unit.

Suggested Mathematics Schedules for Actuarial Science Majors:

- Schedule (a) Students beginning with Precalculus
 Schedule (b) Students beginning with Calculus I
 Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147	175, 280	280, 350
5	175, 350	350	351, 380
6	280, 351	351	384
7	353, 380, 383	353, 380, 383	353, 383
8	384	384	Open

Required courses in the Actuarial Science Sequence (outlined above) provide the contents of the Society of Actuaries examinations P, FM, M (both MLC and MFE) and C, or the Casualty Actuarial Society examinations 1, 2, 3 and 4, as well as complete VEE requirements. Courses correspond to professional actuarial examinations as follows:

- SOA exam P (same as CAS exam 1): MAT 350
 SOA exam FM (same as CAS exam 2): MAT 280
 SOA exam MLC and CAS exam 3L: MAT 380, and part of MAT 383
 SOA exam MFE and CAS exam 3F: MAT 383
 SOA exam C (same as CAS exam 4): MAT 384
 CAS exam 3: MAT 351, MAT 380, MAT 383
 VEE Statistics: MAT 353
 VEE Economics: ECO 105
 VEE Finance: FIL 242 and FIL 341

Statistics Sequence:

This sequence of the major is designed to prepare students for statistical work in industry and government. In addition to learning the mathematical foundation in statistics, students study at least two cognate areas of application of statistics from Biometrics, Econometrics, and Psychometrics. This will allow students to experience many fields of statistical applications and select a field of their choice for a career.

- Required courses: MAT 145, 146, 147, 175, 260, 350, 351. At least two courses from the following list: MAT 353, 356, 450, 453, 455, 456, 458 (Only senior students with good standing will be allowed to take a graduate-level course with approval of the Graduate School.)
- One computer-programming course from: ITK 155.01, ITK 155.02.
- Select at least two of the following areas and complete at least two courses from the list of approved courses for each area.
 Biological Sciences: BSC 201, 203, 219, 297, 321.
 Economics: ECO 225, 235, 238, 239, 240, 241, 320, 331, 339.
 Psychology: PSY 230, 231, 233, 331, 334.

It is to the advantage of the student to have a minor or double major in one of the above areas. However, it is not a requirement for the sequence. Senior students in good standing are encouraged to take upper level applied statistics courses from selected cognate areas.

Suggested Mathematics Schedules for the Statistics Sequence Majors:

- Schedule (a) Students beginning with Precalculus
 Schedule (b) Students beginning with Calculus I
 Schedule (c) Students intending to pursue graduate studies

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147, 260	147, 260
4	147, 260	175, 350	175, 350
5	175, 350	351	351, ST*
6	351, ST*	356, ST*	356, ST*
7	353, ST*	353, ST*	353, ST*
8	356, ST*, ST*	ST*, ST*	ST*

*In the above schedule ST stands for selected courses from cognate areas. Senior students with good standing are encouraged to take upper level statistics courses. However in

order to take a graduate level course permission is required from the respective departments and the graduate school.

MINOR IN MATHEMATICS

- 22-24 hours in Mathematics required.
- Required courses: MAT 145 and 146.
- At least four courses chosen from: MAT 147, 175, 236, 247, 250, 260, 330, 336, 337, 340, 341, 345, 347, 351, 361, 362, 363, 378.

MINOR IN MATHEMATICS

For Teacher Education:

- Required courses: MAT 145, 146, 147, 175, 211, 236, and 323. **NOTE:** MAT 211 and C&I 216 or the equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323.
- Students should consult an advisor.

The Mathematics for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Mathematics Courses

- A year of high school geometry and a second year of high school algebra are highly recommended for anyone who wants to take Mathematics courses.
- Students may not enroll in a course which is prerequisite to a course that has been completed with a grade of C or better.

102 BASIC ALGEBRA

4 sem. hrs.

Introduction to the basic concepts of elementary algebra. Does not count toward graduation. CR/NC only.

104 INTERMEDIATE ALGEBRA

3 sem. hrs.

Intermediate course between one year of high school algebra and college algebra. Scientific calculator required. Meets 5 days a week. Does not count toward graduation. CR/NC only. Not for credit if had MAT 107. Prerequisite: Mathematics placement or credit in MAT 102.

108 TRIGONOMETRY

2 sem. hrs.

Circular functions, their graphs, inverses, identities and applications. Right triangle trigonometry and applications. Department-approved graphing calculator required. Not for credit major/minor or if had MAT 109. Prerequisite: Mathematics placement or grade of C or better in MAT 119.

113 ELEMENTS OF MATHEMATICAL REASONING

IC-M

4 sem. hrs.

The study of elementary counting methods, basic statistics; and elementary mathematical modeling techniques, focusing on reasoning and solving real-life problems. Department approved calculator required. Not for credit major/minor. Not for credit if had MAT 105 or 111. May not be taken CT/NC. Formerly MAT 189.17. Prerequisite: Mathematics placement exam or MAT 104.

119 COLLEGE ALGEBRA

3 sem. hrs.

Functions, relations, and inverses with emphasis on polynomial, rational, exponential, and logarithmic functions. Algebra of polynomials. Solving quadratic, exponential, and logarithmic equations. Solving quadratic, rational, and absolute value inequalities. Department-approved graphing calculator required. Meets 5 days a week. Not for credit major/minor. Prerequisite: Mathematics placement or MAT 104.

120 FINITE MATHEMATICS

IC-M

4 sem. hrs.

Linear functions, matrices, systems of linear equations, sets and counting, probability, statistics, and mathematics of finance. Department-approved graphing calculator required. May not be taken under the CT/NC option. Not for credit major/minor. Prerequisite: Mathematics placement or grade of C or better in MAT 119.

121 APPLIED CALCULUS

MC-QR

4 sem. hrs.

Non-linear functions, intuitive differential, integral, and multivariate calculus, applications. Department-approved graphing calculator required. Not for credit major/minor. May not be taken under the CT/NC option. Prerequisites: Grade of C or better in MAT 120 and either Mathematics placement or C or better in MAT 119.

130 DIMENSIONS OF MATHEMATICAL REASONING IC-M
3 sem. hrs.

Focus on mathematical problem-solving and reasoning with understanding of numbers and their properties through various representations, including algebraic. Scientific calculator required. Not for credit major/minor. May not be taken CT/NC option. Formerly *DIMENSIONS OF MATHEMATICAL PROBLEM SOLVING*. Prerequisite: Mathematics placement or MAT 104.

131 GEOMETRIC REASONING: GEOMETRY AS EARTH MEASURES MC-QR
3 sem. hrs.

A multidimensional focus on geometry as visualization, construction of figures, the study of the physical world, and a mathematical system. Not for credit major/minor. Prerequisites: MAT 113, 120, 130, or 145.

144 PRECALCULUS
4 sem. hrs.

Polynomial, absolute value, rational, exponential, logarithmic, and trigonometric functions and their graphs. Properties of trigonometric and inverse trigonometric functions and their applications. Conics, translation, and rotation of axes. Department-approved graphing calculator required. Prerequisites: Mathematics placement or grade of C or better in both MAT 108 and 119.

145 CALCULUS I IC-M
4 sem. hrs.

Polynomial, exponential, logarithmic, and trigonometric functions. Differentiation with associated applications. Introduction to integration with applications. Department-approved graphing calculator required. May not be taken under the CT/NC option. Prerequisite: Mathematics placement or C or better in MAT 144.

146 CALCULUS II MC-QR
4 sem. hrs.

Techniques and applications of integration, L'Hopital's rule, improper integrals, applications, infinite series, and Taylor's Theorem. Differential equations. Department-approved graphing calculator required. May not be taken under the CT/NC option. Prerequisite: Grade of C or better in MAT 145.

147 CALCULUS III
4 sem. hrs.

Polar coordinates and parametric equations in the plane with applications. Vector curves and surfaces in space. Partial derivatives, gradients, directional derivatives, and tangent planes. Multiple integration and line integrals. Department-approved graphing calculator required. Prerequisite: Grade of C or better in MAT 146.

150 FUNDAMENTALS OF STATISTICAL REASONING MC-QR
4 sem. hrs.

Develop statistical reasoning to analyze data and use elementary probability ideas to justify the validity of the analysis. Not for credit major/minor. Prerequisites: Grade of C or better in MAT 113, 120, 130 or 145.

152 STRUCTURE OF NUMBER SYSTEMS II
3 sem. hrs.

Concepts and structure of real numbers. Probability, statistics, and algebra. Not for credit if had MAT 202. Not for credit major/minor. Prerequisite: Grade of C or better in MAT 130.

160 ELEMENTARY DISCRETE MATHEMATICS
4 sem. hrs.

Elementary introduction to discrete mathematics, comprising topics relevant to computer science. Logic, algorithms, recursion, enumeration, relations, graph theory (including trees). Not for credit major/minor. Prerequisite: Grade of C or better in MAT 120 or 145.

175 ELEMENTARY LINEAR ALGEBRA
4 sem. hrs.

Vector geometry, matrices, systems of linear equations, vector spaces, linear transformations, eigenvalues and eigenvectors, diagonalization, applications to the physical and social sciences. Department-approved graphing calculator required. Prerequisite: Grade of C or better in MAT 146; 147 recommended.

201 TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL
3 sem. hrs.

Background for meaningful teaching of whole numbers, fractions, and geometry/measurement concepts. Special emphasis on planning instruction for children at the K-8 level. May Include Clinical Experiences. Not for credit major/minor. Prerequisites: Grade of C or better in MAT 130 and C or better in MAT 152 or MAT 202. Elementary Education or Middle Level Teacher Education major only. Completion of 60 hours and 2.50 major and overall GPA.

202 ALGEBRAIC REASONING FOR THE K-8 TEACHER
4 sem. hrs.

Focus on algebraic reasoning with understanding of variables and their uses. Content includes proportional reasoning, linear and non-linear functions and inverse functions and elementary curve fitting techniques. Department-approved graphing calculator required. Not for credit major/minor. Formerly *MATHEMATICS FOR THE MATH K-8 SPECIALIST*. Prerequisites: Grade of C or better in MAT 130; 2.50 major GPA.

210 SYMBOLIC LOGIC I
3 sem. hrs.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness. Also offered as PHI 210. Prerequisites: 1 year each high school algebra and high school geometry.

211 EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY
4 sem. hrs.

Inductive and deductive study of Euclidean geometry; includes transformations, tessellations, polyhedra, classical theorems, introduction to non-Euclidean geometry. Prerequisites: Grade of C or better in MAT 147; C or better in MAT 175 or concurrent registration.

223 INTRODUCTION TO SECONDARY MATHEMATICS EDUCATION
2 sem. hrs.

Introduction to secondary mathematics teaching centered around classroom observations, discussion of teaching and learning, and doing mathematics while servicing all students. Includes Clinical Experiences: 20+ hours, Types 1-5. Prerequisite: Grade of C or better in MAT 145.

236 ELEMENTARY ABSTRACT ALGEBRA

4 sem. hrs.

Introduction to rings, integral domains, and fields including the ring of integers, the fields of real and complex numbers, quotient rings, polynomial rings, homomorphisms, and ideals. Prerequisite: Grade of C or better in MAT 175.

247 ELEMENTARY REAL ANALYSIS

3 sem. hrs.

Careful examination of the theory of calculus through the study of properties of the real line. Prerequisites: Grade of C or better in MAT 147 and 175.

250 INTRODUCTION TO PROBABILITY AND STATISTICS

4 sem. hrs.

Basic probability and statistical inference. Statistical coverage includes comparison of means and regression analysis. Extensive use of calculators and computers. Prerequisite: MAT 121 or MAT 145.

260 DISCRETE MATHEMATICS

4 sem. hrs.

Counting problems, generating functions, recurrence relations, inclusion-exclusion, graphs, matching and covering, pigeonhole principle, applications. Prerequisite: Grade of C or better in MAT 146.

268 INTRODUCTION TO UNDERGRADUATE RESEARCH IN MATHEMATICS

3 sem. hrs.

An introduction to mathematical discovery through participation in a departmental research program for undergraduates. May repeat if content differs; maximum 6 hours. Formerly MAT 289.23. Prerequisites: B or better in MAT 146 and consent instructor.

280 FINANCIAL MATHEMATICS

4 sem. hrs.

Interest rates. Accumulation function. Annuities. Amortization schedules. Bonds and other securities. Amortization and depreciation. Yield curve. Duration, convexity, and immunization. Definitions of derivative securities. Formerly *THEORY OF INTEREST*. Prerequisites: Grade of B or better in MAT 145 and 146 or consent instructor.

283 INTRODUCTION TO ACTUARIAL COMPUTING

1 sem. hr.

Basic actuarial computing models in a computer classroom setting. Present values, risk classification, data analysis for premiums and reserves. Prerequisites: Grade of C or better in MAT 280 or consent instructor.

298 PROFESSIONAL PRACTICE: INTERNSHIP IN MATHEMATICS

2-4 sem. hrs.

Practical experience through professionally-oriented work in business, government, or industry. One credit per month of full-time employment. May be repeated; maximum 8 hours. No credit major/minor. CR/NC only. Prerequisites: MAT 175 plus 2 approved courses in MAT beyond 175; 2.75 overall GPA and 3.00 department GPA. Consent department chair.

302 TEACHING MATHEMATICS IN GRADES 6-8

4 sem. hrs.

Problems, viewpoints, and trends in teaching middle school or junior high mathematics. Implications of research related to organization, content, and techniques for teaching mathematics in grades 6-8. May Includes Clinical Experiences. Not for credit major/minor. Formerly *TEACHING MATHEMATICS IN GRADES 5-8*. Prerequisites: Grade of C or better in MAT 309 and 312 or concurrent registration. Completion of 60 hours and 2.50 major and overall GPA.

304 MODERN GEOMETRY FOR MIDDLE SCHOOL TEACHERS

4 sem. hrs.

Topics include Euclidean and non-Euclidean geometries and their history, transformations with connections to matrix algebra, fractals, and projective geometry. Department-approved graphing calculator required. Not for credit major/minor. Formerly *TOPICS IN GEOMETRY FOR K-8 TEACHERS*. Prerequisites: Grade of C or better in MAT 131 and 202.

307 MODERN ALGEBRA FOR MIDDLE SCHOOL TEACHERS

4 sem. hrs.

Algebraic concepts and structures relevant to grades 6-8. Structure of familiar number systems compared to and contrasted with other mathematical systems. Not for credit major/minor. Formerly *MODERN ALGEBRA FOR K-8 TEACHERS*. Prerequisites: Grade of C or better in MAT 304, 309 and 312.

309 NUMBER THEORY FOR K-8 TEACHERS

4 sem. hrs.

Focus is on number theory concepts, including divisibility, primes, composites, special number sets, and basic counting principles. Department-approved graphing calculator required. Not for credit major/minor. Formerly *PROBLEM-SOLVING IN GRADES K-8*. Prerequisites: Grade of C or better in MAT 131 and 202.

312 PROBABILISTIC AND STATISTICAL REASONING FOR K-8 TEACHERS

4 sem. hrs.

Descriptive statistics, lines of best fit, basic concepts of probability, simulation, probability distributions, expectation, and counting techniques. Department-approved graphing calculator required. Not for credit major/minor. Formerly *PROBABILITY AND STATISTICS FOR K-8 TEACHERS*. Prerequisites: Grade of C or better in MAT 131 and 202.

314 CONCEPTS OF CALCULUS FOR MIDDLE SCHOOL TEACHERS

4 sem. hrs.

Concepts of differential and integral calculus, including limits, sequences, and transcendental functions. Emphasis on the role of calculus in Mathematics and problem-solving. Department-approved graphing calculator required. Not for credit major/minor. Formerly *CONCEPTS OF CALCULUS FOR K-8 TEACHERS*. Prerequisites: Grade of C or better in MAT 304, 309 and 312.

315 MATHEMATICAL MODELING FOR MIDDLE SCHOOL TEACHERS

4 sem. hrs.

Mathematical modeling and problem-solving with applications involving networks and communication systems, finance, global positioning, data systems, and various branches of science. Department-approved graphing calculator required. Not for credit major/minor. Prerequisites: Grade of C or better in MAT 304, 309 and 312.

320 HISTORY OF MATHEMATICS

3 sem. hrs.

History of the development of mathematical techniques and ideas from early civilization to present, including connections between mathematics and sciences. Formerly *HISTORY OF MATHEMATICS TO 1600*. Not for credit if had MAT 321 *HISTORY OF MATHEMATICS 1600-PRESENT*. Prerequisite: Grade of C or better in MAT 147.

323 TEACHING MATHEMATICS IN THE SECONDARY SCHOOL

3 sem. hrs.

The selection, placement and teaching of secondary mathematics topics. Analysis of recent trends and practices. Department-approved graphing calculator required. Includes Clinical Experiences: 35 hours, Type 1-5, 9. Prerequisites: Grade of C or better in MAT 211 and 223; C or better in MAT 236 or concurrent registration. C&I 216. Minimum 2.80 Mathematics and overall GPA and Department approval. Admission to Professional Studies.

324 SEMINARS FOR STUDENT TEACHERS OF MATHEMATICS

3 sem. hrs.

Examines methods and materials for teaching algebra, geometry, and other secondary topics. Emphasizes content and professional aspects of mathematics teaching. Department-approved graphing calculator required. Includes Clinical Experiences: 25 hours, Type 1-5, 9. Prerequisites: Grade of C or better in MAT 236 and 323 and concurrent registration or completion of student teaching in Mathematics. Admission to Student Teaching.

326 TECHNOLOGY TOOLS FOR SECONDARY SCHOOL MATHEMATICS

3 sem. hrs.

Integrating computers and calculators in the secondary Mathematics curriculum. Department-approved graphing calculator required. Prerequisite: Grade of C or better in MAT 175.

328 MATHEMATICS FOR SECONDARY TEACHER: A CAPSTONE EXPERIENCE

3 sem. hrs.

Using college-level mathematics to examine high school mathematics from an advanced perspective. Formerly MAT 389.65. Prerequisites: MAT 223 and 211 or consent of instructor. Mathematics Education Majors only.

330 NUMBER THEORY

3 sem. hrs.

Divisibility, primes, unique factorization, numerical functions, congruences, Diophantine equations, other topics. Prerequisite: C or better in MAT 175 or 260.

336 ADVANCED ABSTRACT ALGEBRA

3 sem. hrs.

Introduction to groups, including permutation, symmetry and matrix groups, homomorphisms, normality, quotient groups, applications. Prerequisite: Grade of C or better in MAT 175. MAT 236 recommended.

337 ADVANCED LINEAR ALGEBRA

4 sem. hrs.

Abstract vector spaces, linear transformations and matrices, inner product spaces, eigenvalues and eigenvectors, diagonalization. Applications to geometry, the physical and social sciences. Prerequisites: Grade of C or better in MAT 175 and senior standing.

340 ELEMENTARY DIFFERENTIAL EQUATIONS I

3 sem. hrs.

First-order differential equations, linear differential equations, power series methods, Laplace transform methods, applications of differential equations. Prerequisites: Grade of C or better in MAT 147; 175 or concurrent registration in MAT 175 recommended; and C, FORTRAN, Pascal, PL/I, or approved programming language.

341 ELEMENTARY DIFFERENTIAL EQUATIONS II

3 sem. hrs.

Linear systems of differential equations, numerical methods, Fourier series, boundary-value problems, introduction to partial differential equations (Laplace, heat, and wave equations) and applications to nonlinear systems and phenomena. Prerequisites: Grade of C or better in MAT 175 and 340.

345 ADVANCED CALCULUS

4 sem. hrs.

Calculus of functions of several variables, Taylor's series of several variables, maxima and minima, Lagrange multipliers, inverse and implicit function theorems, multiple integration, line integrals, Green's, Stokes', and the divergence theorems. Prerequisites: Grade of C or better in MAT 147 and 175.

347 ADVANCED REAL ANALYSIS

4 sem. hrs.

The real number system, topology of metric spaces, sequences, continuous functions, uniform convergence, differentiation, Taylor's Theorem, Riemann integration, the fundamental theorem of calculus, infinite series, power-series. Prerequisites: Grade of C or better in MAT 247 and 236; or 337 or consent instructor.

350 APPLIED PROBABILITY MODELS

4 sem. hrs.

Sample spaces, discrete and continuous random variables, probability functions, density, moment generating functions, important distributions. Multivariate distributions, Central Limit Theorem. Prerequisite: Grade of C or better in MAT 147.

351 STATISTICS AND DATA ANALYSIS

4 sem. hrs.

Statistical estimation. Point and interval estimators. Consistency, unbiasedness, minimum variance. Hypothesis testing. Likelihood ratio tests. Regression, analysis of variance. Prerequisite: Grade of C or better in MAT 350 or consent of instructor.

353 REGRESSION AND TIME SERIES ANALYSIS**4 sem. hrs.**

Regression and time series methods for business and economic applications, including exponential smoothing and Box-Jenkins methods. Computer statistical package used. Also offered as ECO 353. Formerly *ANALYSIS OF TIME SERIES*. Prerequisite: MAT 351 or equivalent or consent instructor.

356 STATISTICAL COMPUTING**4 sem. hrs.**

Application of SAS and SPSS programs to real data emphasizing regression, and analysis of variance. Prerequisites: Grade of C or better in 2 statistics courses; some facility with matrices.

361 TOPICS IN DISCRETE MATHEMATICS**2-4 sem. hrs.**

Study of selected areas of discrete mathematics. Consult the Course Registration Directory on iCampus for the topics to be offered and the hours of credit to be earned during any given semester. Each topic may be taken once. Prerequisites: Grade of C or better in MAT 175 or 260 and approved programming language.

362 LINEAR PROGRAMMING**4 sem. hrs.**

Modeling and solution of problems using the simplex method. Duality, sensitivity, integer programming. Transportation problems. Prerequisites: Grade of C or better in MAT 175 and C, FORTRAN, Pascal, PL/I, or approved programming language.

363 GRAPH THEORY**4 sem. hrs.**

Introduction to graph theory, connectivity, matching, coloring, network flows with applications to communication reliability, scheduling, and traffic flow problems. Prerequisites: Grade of C or better in MAT 175 or 260, and C, FORTRAN, Pascal, PL/I, or approved programming language.

378 MATHEMATICAL MODELING**4 sem. hrs.**

Applications of mathematical modeling to fields including biology, economics, engineering, political science, psychology, and sociology. Project required. Prerequisites: C or better in MAT 175 and 350. MAT 340 recommended.

380 ACTUARIAL MODELS I**4 sem. hrs.**

Survival distributions, life tables. Life insurance, life annuities and pensions. Premiums and reserves. Multiple lives. Multiple decrements. Models including expenses. Prerequisites: B or better in MAT 280 and 350 or consent instructor.

383 ACTUARIAL MODELS II**4 sem. hrs.**

Applications of stochastic processes to actuarial models. Poisson process, Markov process. Interest rate models. Arbitrage-free models. Valuation of derivative securities. Financial risk management. Prerequisites: B or better in MAT 280 and 350 or consent instructor.

384 ACTUARIAL MODELING**4 sem. hrs.**

Severity models. Frequency models. Aggregate loss models. Risk measures. Ruin theory. Survival models estimation. Parametric and nonparametric models estimation. Credibility theory. Simulation. Prerequisites: C or better in MAT 351 or consent instructor.

385 ACTUARIAL EXAM PREPARATION**1 sem. hr.**

Study sessions to aid preparation for professional actuarial examinations. Consult the course offerings on the ISU Website www.IllinoisState.edu or the actuarial adviser for the topics/sections to be offered during any given semester. Not for credit major/minor. MAT 385 not for credit if had MAT 147. Prerequisite: Consent instructor.

390 INDEPENDENT STUDY**1-3 sem. hrs.**

PHILOSOPHY (PHI)

454

412 Stevenson Hall, (309) 438-7665

Web address: Philosophy.IllinoisState.eduEmail address: philosophy@ilstu.edu

Chairperson: James Swindler.

Tenured/Tenure-track Faculty:

Professors: Deutsch, Simon, Swindler.

Associate Professors: Anderson, Bailey, Horvath, Stewart, Stillwell.

Assistant Professor: Breyer.

General Department Information

The Major in Philosophy is designed to provide a liberal arts core around which a student may build a program of courses to suit a wide variety of career opportunities or other goals. The Department encourages its students to work with a departmental advisor in selecting a minor, a second major, or a set of connected courses in various fields which will best combine with philosophical study to produce a program meeting their needs. Majors are encouraged to pursue undergraduate research and internship opportunities.

INTERDISCIPLINARY MINORS

The Department of Philosophy participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: Cognitive Science, Peace and Conflict Resolution, and Women's and Gender Studies. For further information, please consult the Department advisor as well as the section entitled University-Wide Curriculum in this *Undergraduate Catalog*.

Philosophy Programs

Degrees Offered: B.A.

MAJOR IN PHILOSOPHY

- 30 hours in Philosophy.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210 (MAT/PHI 210 is strongly recommended); **Ethics:** PHI 232; **History of Philosophy:** PHI 254 and 255; **Senior Thesis:** PHI 395.
- At least 15 additional hours in Philosophy with no more than 3 hours at the 100-level and at least 6 hours at the 300-level.
- Each major works out a coherent program of supporting courses tailored to the student's needs in consultation with a faculty advisor.

Majors are strongly encouraged to take PHI 199 concurrently with or after completing their first philosophy course.

Concentrations: Philosophy majors may elect to take courses in one or more of the following areas of concentration, depending on individual interests. (**NOTE:** a concentration is not required and will not appear on the student's transcript or diploma.)

Pre-law: PHI 234, 236, 238, 240, 242, 246.

Ethics: PHI 233, 234, 236, 248, 330.

Metaphysics and Epistemology: PHI 207, 208, 222, 224, 250, 251, 253, 310, 363.

History of Philosophy: PHI 207, 208, 256, 305, 350.

MINOR IN PHILOSOPHY

- 18 hours in Philosophy required.
- Required Philosophy courses by area: **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; at least 9 additional hours in Philosophy.
- Not more than two 100-level courses may count toward the minor.

MINOR IN PHILOSOPHY

For Teacher Education:

- 23 hours in Philosophy required.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232 or 240 or 242; **Epistemology and Metaphysics:** PHI 256; and at least 6 additional hours in Philosophy with at least one 200- or 300-level course.

The Philosophy Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education website (www.isbe.net) for specific certification requirements.

MINOR IN RELIGIOUS STUDIES

- 21 hours required, distributed as follows:
- 6 hours from Group A.
- 9 hours chosen from exactly 3 of the Groups B, C, D, and E. Courses listed as *Related Courses* may not be used to satisfy this requirement.
- 6 additional hours from any of the Groups used to satisfy the above requirements. At most, 3 of these hours may be chosen from the courses listed as *Related Courses* for those Groups.

Students are advised to complete several courses from Groups B through E prior to enrolling in the courses of Group A, (other than HIS 270). Courses listed as *Related Courses* in the following Groups may be of interest to students even though at most one of these may be used to complete the requirements for the minor. Also note that no more than 9 hours from a student's major field of study may be used to satisfy the requirements of a minor.

Group A: HIS 270; IDS 254 (with advisor approval*); PHI 224; SOC 268.

Group B: ENG 250, 251; PHI 222.

Related Courses: ART 367, 369, 377; HIS 223, 225, 351.

Group C: HIS 271, 378

Related Courses: HIS 104.04; IDS 121.02.

Group D: HIS 269; PHI 207, 208.

Related Courses: HIS 104.02, 275, 276.

Group E: ART 275 (with advisor approval*); IDS 121.14; LAN 106.

Additional courses for various Groups: Specific offerings of the following courses may sometimes be placed into one of the above Groups by the Religious Studies Advisor, depending on topic: ENG 352; IDS 121; 203; HIS 307.

*Topics in ART 275 and IDS 254 may vary. See the Religious Studies advisor to verify how a specific offering of these courses will count in the Minor.

Philosophy Courses

Freshmen wishing to select a Philosophy course normally should enroll in a 100-level course. Courses at the 300-level presuppose at least the level of sophistication that the successful completion of one or more lower-level courses in Philosophy would demonstrate.

101 BASIC ISSUES IN PHILOSOPHY OC-H 3 sem. hrs.

An introduction to central philosophical issues, e.g., knowledge, reality, freedom, God, and morality. Prerequisites: ENG 101; COM 110.

104 THE IDEAL OF DEMOCRACY MC-ICL 3 sem. hrs.

Critical examination of the nature and moral justification of democracy, particularly as it is practiced in the United States. May not be taken under the CT/NC option. Prerequisites: ENG 101; COM 110 or concurrent registration.

112 LANGUAGE, LOGIC AND MATHEMATICS MC-QR 3 sem. hrs.

Using modern logic to understand basic mathematical concepts (such as function and proof) as well as complementary concepts outside mathematics (such as demonstration and explanation). May not be taken under the CT/NC option. Prerequisites: MAT 111, 120, 130 or 145.

150 SCIENCE AND HUMAN CULTURE OC-H 3 sem. hrs.

Examination of the dynamic interrelationship between human culture and the scientific methodologies used to study it; how culture both shapes and is shaped by science. Prerequisites: ENG 101; COM 110.

199 PHILOSOPHICAL RESEARCH METHODS 2 sem. hrs.

Develops philosophical methods for majors. Normally taken before other major courses, particularly PHI 210.

202 SEX, VALUES, AND HUMAN NATURE OC-H 3 sem. hrs.

Investigation of competing views about the nature of human sexuality, and their moral and social consequences. Prerequisites: ENG 101; COM 110; MC-IS category.

207 INDIAN PHILOSOPHY 3 sem. hrs.

Major Indian philosophical issues and theories and their contribution to Indian religion and culture; Hindu systems and the early Buddhist challenge.

208 BUDDHIST PHILOSOPHY 3 sem. hrs.

Origins and development of Buddhist philosophy; East Asian transformation (including Zen).

210 SYMBOLIC LOGIC I 3 sem. hrs.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness. Also offered as MAT 210. Prerequisites: 1 year each high school algebra and high school geometry.

222 PHILOSOPHY AND CHRISTIAN THEOLOGY 3 sem. hrs.

Philosophical examination of selected central ideas in Christianity, such as the incarnation, the trinity, sin, salvation, and ethics. Standard philosophical methodologies will be employed.

224 MEANING AND RELIGIOUS BELIEF OC-H 3 sem. hrs.

Interdisciplinary examination of religion, emphasizing the character and evaluation of religious world views and their connections to mythologies, ethics, and ethos. Prerequisites: ENG 101; COM 110; MC-LH category.

232 CLASSIC WESTERN MORAL THEORIES 3 sem. hrs.

Examination of major historical thinkers, e.g., Aristotle, Mill, Kant. Topics include value, obligation, virtue, moral justification, and moral standards. Prerequisite: C or better in 1 PHI course or 2.50 overall GPA recommended.

233 CONTEMPORARY WESTERN MORAL THEORIES 3 sem. hrs.

A survey of important thinkers and developments in twentieth-century moral philosophy. Problems and theories discussed concern values and right conduct.

234 BUSINESS ETHICS 3 sem. hrs.

A philosophical examination of selected ethical issues in business practice including discussions of case material, such as personnel management, advertising, labor-management relations, and corporate responsibility.

236 VALUES AND THE ENVIRONMENT 3 sem. hrs.

Philosophical examination of selected moral and social issues involving humans, nonhumans, and the environment, e.g., animal rights, resource distribution, environmental racism.

238 RIGHTS AND WRONGS OC-H 3 sem. hrs.

Interdisciplinary approach to the analysis of moral and social issues in relation to the cultural contexts in which they arise. Prerequisites: ENG 101; COM 110; MC-IS category.

240 POLITICAL PHILOSOPHY**3 sem. hrs.**

Discussion of traditional and contemporary issues, e.g., human rights, theories of justice, Marxism, civil disobedience, punishment, and the end and limit of government. Prerequisite: C or better in 1 PHI course or 2.50 overall GPA recommended.

242 PHILOSOPHY OF LAW**3 sem. hrs.**

Evaluation of conflicting views concerning the nature of law, legal obligation, legal rights, and the justification of punishment. Prerequisite: 1 PHI course or a law-related course recommended.

246 FEMINIST PHILOSOPHIES**3 sem. hrs.**

Survey and critical examination of a variety of feminist contributions to philosophical topics such as gender, oppression, ethics, and epistemology. Formerly *FEMINIST POLITICAL THEORY*.

248 MODERN WAR AND MORALITY**3 sem. hrs.**

Intensive examination of moral problems concerning war, e.g., pacifism, self-defense, conscription, terrorism, nuclear deterrence.

250 PHILOSOPHY OF SCIENCE**3 sem. hrs.**

The nature of scientific theories, methods, reasoning, hypotheses, laws, and explanations.

251 VISIONS OF THE SELF:**A STUDY OF MINDS
AND PERSONS****OC-H****3 sem. hrs.**

Study of mind and self, drawing on insights from literature, philosophy, psychology, ethics, medicine, and artificial intelligence. Prerequisites: ENG 101; COM 110; MC-IS category.

**253 PHILOSOPHY AND THE
BEHAVIORAL SCIENCES****3 sem. hrs.**

Philosophical issues raised by and relevant to the scientific study of human behavior.

**254 ANCIENT AND
MIDDEVAL PHILOSOPHY****3 sem. hrs.**

Classic Western philosophical ideas from the earliest times to the 15th century. The pre-Socratics, Socrates, Plato, Aristotle, Augustine, Aquinas, and others. Prerequisite: C or better in 1 PHI course or 2.50 overall GPA recommended.

255 MODERN PHILOSOPHY**3 sem. hrs.**

Classic western philosophical ideas of the 17th and 18th centuries. Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. Prerequisite: C or better in 1 PHI course or 2.50 overall GPA recommended.

**256 MAJOR THEMES IN WESTERN
PHILOSOPHY SINCE KANT****3 sem. hrs.**

Study of important philosophical themes and figures of the 19th and 20th centuries. Prerequisites: PHI 255 or consent of instructor.

263 THEORY OF KNOWLEDGE**3 sem. hrs.**

What is knowledge? What makes a belief rational? Do we know anything? A historical introduction to contemporary epistemology. Prerequisite: C or better in at least one philosophy course recommended.

**298 PROFESSIONAL PRACTICE: INTERNSHIP
IN APPLIED PHILOSOPHY****1-12 sem. hrs.**

Planned, supervised experience in a governmental or community organization providing experience in applying philosophical theory to current social or scientific problems. Maximum 3 hours toward PHI major/minor. Prerequisites: 3 PHI courses, including at least 1 at the 200- or 300-level. 2.50 GPA in PHI courses. Complete department application procedure. Consent department chair.

305 TOPICS IN 20TH CENTURY PHILOSOPHY**3 sem. hrs.**

Major philosophical movements of the 20th century, focusing on significant figures. May be repeated for credit if topic different.

310 TOPICS IN PHILOSOPHY OF SCIENCE**3 sem. hrs.**

Examination of topics in philosophy of natural, behavioral, and/or social sciences, e.g., scientific explanation, evidence, methodology, progress, universality, normativity, testability. May be repeated for credit if topic different.

**315 TOPICS IN PHILOSOPHY,
SCIENCE, AND THE MIND****3 sem. hrs.**

Exploration of a philosophical topic on the scientific study of the mind (e.g., mind-body problem, artificial intelligence, philosophical psychology, neuroscience). May be repeated for credit if topic different.

330 TOPICS IN MORAL THEORY**3 sem. hrs.**

Examination of fundamental issues in moral philosophy, e.g., possibility of moral knowledge, justification of value judgments, nature of moral responsibility. May be repeated for credit if topic different.

339 TOPICS IN THE PHILOSOPHY OF ART**3 sem. hrs.**

Philosophical examination of expression, aesthetic experience, representation, nature of art, possibility of objective evaluation as applied to various art forms. May be repeated for credit if topic different.

**340 TOPICS IN LEGAL AND
POLITICAL PHILOSOPHY****3 sem. hrs.**

Intensive examination of selected topics in social, political and legal philosophy, e.g., liberty, justice, rights, equality, community, democracy, political obligation. May be repeated for credit if topic different.

350 TOPICS IN THE HISTORY OF PHILOSOPHY**3 sem. hrs.**

Intensive examination of an important figure, movement, or theme in the history of philosophy, e.g. Plato, British Empiricism, freewill/determinism. May be repeated for credit if topic different.

363 TOPICS IN METAPHYSICS AND EPISTEMOLOGY**3 sem. hrs.**

Detailed examination of selected issues in contemporary metaphysics and epistemology. May be repeated for credit if topic different.

390 INDEPENDENT STUDY**1-3 sem. hrs.**

Prerequisites: 1 PHI course; consent instructor and department chair.

395 SENIOR THESIS**1 sem. hr.**

Students will revise and expand their previous or concurrent course work to produce a substantial philosophical essay. Prerequisites: Completion of a minimum of 23 hours of PHI courses including at least one 300-level course.

PHYSICS (PHY)**456****311 Moulton Hall, (309) 438-8756****Web address: www.phy.ilstu.edu****Email address: info@phy.ilstu.edu****Chairperson:** Richard F. Martin, Jr.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Grobe.*Professors:* Clark, Hassani, Holland, Karim, Martin, Ren, Su.*Associate Professors:* Marx, Matsuoka, Rosa, Rutherford.**General Department Information**

The Physics Major sequences at Illinois State University are sufficiently flexible to serve the needs of students with any of the following goals: (1) government or industrial research and development, (2) graduate study in Physics, or an allied field such as Engineering, (3) high school Physics/Science teaching, or (4) professional study in intellectual property law, patent law, or medicine.

Physics Programs

Degrees Offered: B.S.

MAJOR IN PHYSICS**Physics Sequence:**

- 44 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 325, 340, 370, 384; 6 additional hours of 300-level Physics courses chosen from (320, 330, 355, 375, 380, and 387); CHE 140 and 141 are also required for the major. NOTE: PHY 375 may be substituted for PHY 370.

Computer Physics Sequence:

- 44 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 318, 325, 388, 390; 6 additional hours of 300-level Physics courses of which at least 1 course must be chosen from PHY 320, 340 and 384; ITK 254; majors should take Natural Science Alternative General Education courses.

Engineering Physics Program with University of Illinois or Other Approved Engineering University:

- 45 hours total in Physics and Engineering required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270, 284; 17 additional hours of approved upper division courses transferred from the chosen engineering university; CHE 140 and 141 are also required.
- Offered previously as Affiliated Engineering.

Teacher Certification Sequence:

- 40 hours in Physics required. Part of entitlement program leading to science certification: secondary 9-12.
- Required courses: PHY 107, 110, 111, 112, 205, 209, 217, 220, 270, 302, 310, 311, 312 and 353. Majors must also take either PHY 240 or 284.
- Supporting courses required (15 hours): BSC 101; CHE 140 and 141; and GEO 100 are also required for this major.

MINOR IN PHYSICS

- 23 hours in Physics required.
- Required courses: PHY 110, 111, 112; 11 additional hours of electives from 200- or 300-level Physics courses.

MINOR IN PHYSICS**For Teacher Education:**

- 27 hours in Physics required.
- Required courses: PHY 110, 111, 112, 270, 311.

The Physics for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Physics Courses

102 ATOMS TO GALAXIES IC-NS 3 sem. hrs.

Concepts, history, and methodology of physical ideas such as motion, thermodynamics, electromagnetism, quanta, and relativity with interrelationships and applications. Lecture and lab. Not for credit major/minor or if had PHY 105, 108, or 110. May not be taken under the CT/NC option.

105 FUNDAMENTALS OF PHYSICS IC-NSA 4 sem. hrs.

Concepts and principles of mechanics, heat, wave motion, electricity, magnetism, and light. Applications to everyday life. Lecture and lab. Intended for students not major or minor in the physical sciences. May not be taken under the CT/NC option. Not for credit if had PHY 108, 110 or equivalent.

107 FRONTIERS OF PHYSICS 2 sem. hrs.

An introduction to selected contemporary topics in pure and applied physics. Orientation to physics and allied fields such as engineering as discipline and profession. Designed for students in all physics sequences. Materials charge optional. CR/NC only.

108 COLLEGE PHYSICS I IC-NSA 5 sem. hrs.

Basic principles of mechanics, wave motion, sound and heat, developed with algebra. Includes diverse scientific and technological applications Lecture and lab. May not be taken under the CT/NC option. Not for credit if had PHY 110 or equivalent. Prerequisite: 2 years of high school algebra or equivalent.

109 COLLEGE PHYSICS II 5 sem. hrs.

Electrostatics, electrical currents, magnetism, light and optical instruments, quantum, atomic, and nuclear physics, special relativity. Continuation of PHY 108. Lecture and lab. Not for credit if had PHY 111 or equivalent. Prerequisites: PHY 108 or 110.

110 PHYSICS FOR SCIENCE AND ENGINEERING I IC-NSA 4 sem. hrs.

Basic principles of mechanics, wave motion, and sound, developed with calculus. Includes diverse scientific and technological applications. Lecture and lab. May not be taken under the CT/NC option. Not for credit if had PHY 108 or equivalent. Materials charge optional. Prerequisite: MAT 145 or concurrent registration.

111 PHYSICS FOR SCIENCE AND ENGINEERING II 4 sem. hrs.

Electrostatics, electrical current and circuits, magnetism, Faraday's Law, electromagnetic waves, optics. Continuation of PHY 110. Lecture and recitation. Lab (every other week). Not for credit if had PHY 109 or equivalent. Materials charge optional. Prerequisites: PHY 110; MAT 146 or concurrent registration.

112 PHYSICS FOR SCIENCE AND ENGINEERING III 4 sem. hrs.

Thermodynamics, relativity, quantum theory, atomic and nuclear physics. Lecture, demonstrations, discussions, laboratory exercises, computer lab. Lecture and lab. Materials charge optional. Prerequisites: PHY 111; MAT 147 or concurrent registration.

117 NUMERICAL REASONING IN NATURE AND TECHNOLOGY MC-QR 3 sem. hrs.

Logical, analytical, mathematical, and computational skills important to quantitative understanding of topics in nature and technology. May not be taken under the CT/NC option. Prerequisites: MAT 113, 120, 130, or 145.

152 STATICS 3 sem. hrs.

Analysis of force systems; equilibrium of two- and three-dimensional systems; trusses, frames, friction; centroids; moments of inertia; hydrostatic pressure on submerged bodies; principle of virtual work. Prerequisites: PHY 110 and MAT 147.

205 ORIGIN OF THE UNIVERSE OC-SMT 3 sem. hrs.

Big Bang Theory; observational and theoretical basis for its development; the early universe; and connection between the universe and subatomic particles. Prerequisites: Completion of Inner Core including one PHY course; MC-QR category.

206 CHAOS AND COMPLEXITY OC-SMT 3 sem. hrs.

Chaos and complexity science in historical/social context, strange attractors, fractals, and self-organization; diverse applications from weather forecasting to artificial life. Prerequisites: Completion of Inner Core; MC-QR category.

207 ENERGY AND CLIMATE CHANGE 3 sem. hrs. OC-SMT

Scientific, technological and environmental aspects of energy production and use. Special emphasis on global climate change and emerging energy sources. Formerly *ENERGY AND SOCIETY*. Prerequisites: Completion of Inner Core; MC-QR category.

209 INTRODUCTION TO TEACHING HIGH SCHOOL PHYSICS**1 sem. hr.**

A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools. Clinical Experience: 25 hours, Type 1-6. Prerequisites: 10 hours in PHY. Physics Teacher Education major/minor only.

217 METHODS OF THEORETICAL PHYSICS**3 sem. hrs.**

Mathematics applied to physics: multivariate calculus, vector and tensor analysis, curvilinear coordinates, complex numbers, differential equations, numerical methods. Prerequisites: PHY 111; MAT 147.

220 MECHANICS I**3 sem. hrs.**

Newton's laws applied to the study of motion of point masses subjected to viscous, frictional, elastic, central, harmonic, interparticle, and conservative forces. Prerequisites: PHY 112 and MAT 147.

240 ELECTRICITY AND MAGNETISM I**3 sem. hrs.**

Electrostatic fields and potentials in vacuum, Gauss' law, electrostatics of dielectrics, magnetostatics, Biot-Savart, Ampere, and Faraday laws, magnetic induction, magnetic materials, and Maxwell's equations. Prerequisite: PHY 217.

270 EXPERIMENTAL PHYSICS**2 sem. hr.**

Experiments that demonstrate principles of physics. Emphasis on experimental techniques, laboratory practices, data analysis, and the quality of written reports. Prerequisites: PHY 112 and 220.

284 QUANTUM MECHANICS I**3 sem. hrs.**

Blackbody radiation, photoelectric effect, wave-particle duality, uncertainty principles, Schrodinger equation, probability amplitudes, one-dimensional potentials, hydrogen atom. Prerequisites: PHY 112 and MAT 175. PHY 217 or concurrent registration.

290 RESEARCH IN PHYSICS**1-3 sem. hrs.**

An introduction to the scientific discovery process through participation in a departmental research program. 3 hours conference, lab or library research per week for each hour of credit. May be repeated; maximum 3 hours. Prerequisites: 20 hours Physics.

298 PROFESSIONAL PRACTICE IN PHYSICS**1-16 sem. hrs.****302 COMPUTER APPLICATIONS IN HIGH SCHOOL PHYSICS****1 sem. hr.**

Applications of computers in teaching of high school physics. Prerequisite: PHY 270.

310 READINGS FOR TEACHING HIGH SCHOOL PHYSICS**3 sem. hrs.**

Essential background readings for teaching high school physics that center around developing scientific literacy in students. Prerequisites: 10 hours in PHY.

311 TEACHING HIGH SCHOOL PHYSICS**3 sem. hrs.**

Strategies, curricula, and resources for the teaching of high school physics. Application of knowledge of physics, adolescent psychology, and pedagogical theory to secondary teaching. Includes Clinical Experience: 10 hours, Type 1-6. Prerequisites: 18 hours in PHY; PHY 310; C or better in C&I 216 or concurrent registration.

312 PHYSICS TEACHING FROM THE HISTORICAL PERSPECTIVE**3 sem. hrs.**

Overview of the development of classical scientific thought relating to physical phenomena with applications to pedagogy. Prerequisites: 20 hours in PHY. Admission to Professional Studies.

318 METHODS OF COMPUTATIONAL SCIENCE**3 sem. hrs.**

Introduction to a wide variety of computational techniques and their application to problems in chemistry and physics. Also offered as CHE 318. Formerly PHY 288. Prerequisites: ITK 165; CHE 140; PHY 109 or 111; CHE 360 or PHY 220 or concurrent registration; or consent of instructor.

320 MECHANICS II**3 sem. hrs.**

Coordinate transformations, nonlinear oscillations, Hamilton's Principle, Lagrangian and Hamiltonian mechanics, rigid body motion. Prerequisites: PHY 220 and MAT 340.

325 THERMAL PHYSICS**3 sem. hrs.**

Thermodynamics, kinetic theory, and statistical mechanics with discussion on phase transitions and critical phenomena. Prerequisite: PHY 284.

330 OPTICAL PHYSICS**3 sem. hrs.**

Optical systems, electromagnetic waves, interference and diffraction, quantum optics. Prerequisite: PHY 240.

340 ELECTRICITY AND MAGNETISM II**3 sem. hrs.**

Electrostatic boundary value problems; Maxwell's equations; polarization, reflection, and transmission of electromagnetic waves, waveguides; electromagnetic radiation, fundamentals of antenna theory, relativistic electromagnetism. Prerequisites: PHY 240 and MAT 340.

353 STUDENT TEACHING SEMINAR**1 sem. hr.**

A seminar through which students exchange information, share reflections, and document observations and activities prior to and during student teaching. Clinical Experience: 15 hours, Type 1-6. Prerequisites: Concurrent registration in STT 399.72.

355 SOLID STATE PHYSICS**3 sem. hrs.**

Crystal structures, X-ray and electron diffraction, lattice vibrations and thermal properties, binding energy, conduction of electrons, band theory, dielectric and magnetic properties, defects, metals, semiconductors, and insulators. Prerequisite: PHY 325.

370 ADVANCED EXPERIMENTAL PHYSICS**1 sem. hr.**

Advanced projects in experimental physics. Emphasis on experiment design and execution, advanced experimental techniques, oral presentation, and written reports. Prerequisite: PHY 270.

375 ELECTRONICS FOR SCIENTISTS**3 sem. hrs.**

DC and AC circuit analysis with an introduction to the electrical properties of semiconductors; theoretical and experimental analysis of semiconductor diode, transistor, and operational amplifier circuits. Lecture and lab. Prerequisite: PHY 109 or 111.

380 TOPICS IN CONTEMPORARY PHYSICS**1-3 sem. hrs.**

Recent developments in the fields of atomic, biomolecular, elementary particle, many-body, molecular, nonlinear, nuclear, plasma, and solid-state physics. May be repeated. Prerequisites: Senior standing only. Consent of instructor.

384 QUANTUM MECHANICS II**3 sem. hrs.**

Operator formalism, Dirac bra and ket notation, angular momentum, perturbation theory, applications to laser physics. Prerequisites: PHY 284 and MAT 340.

387 METHODS OF MATHEMATICAL PHYSICS**3 sem. hrs.**

Finite- and infinite-dimensional vector spaces, matrices and determinants, Fourier analysis, complex analysis, differential equations. Emphasis on physical applications. Prerequisites: PHY 240 and MAT 340 or concurrent registration.

388 ADVANCED COMPUTATIONAL PHYSICS**3 sem. hrs.**

Application of computational methods to contemporary topics in physics, including nonlinear classical and quantum dynamics or physical problems that involve many degrees of freedom. Prerequisites: PHY 220, 240, 284, and 318 or consent of instructor.

390 COMPUTATIONAL RESEARCH IN PHYSICS**1-2 sem. hrs.**

Independent computational project in physics. Prerequisite: PHY 388.

POLITICS AND GOVERNMENT (POL) 460

401 Schroeder Hall, (309) 438-8638**Web address: PoliticsAndGovernment.IllinoisState.edu****Chairperson: Ali Riaz.****Tenured/Tenure-track Faculty:***Professors:* Bradley, Crothers, Lind, Parodi, Wang.*Associate Professors:* Klass, Riaz, Shapiro, Webber.*Assistant Professors:* Cox, Gelbman, McClure, Riverstone, Sarfati, Shawki, Tamas.**General Department Information**

The Department of Politics and Government provides students with a program that offers a broad liberal education

and at the same time provides opportunities to begin a specialized concentration in one area of the discipline such as public service or global studies. The study of political science leads into careers in law and paralegal services; local, state, and federal governments and not-for-profit agencies; international public and private organizations; teaching and research; and in the private sector-especially government-related activities of business. Career information, including career-related courses offered by other departments, is available from the Department's undergraduate, concentration, and pre-law advisors. Teacher Education students majoring in Political Science fulfill Professional Education requirements through the Social Sciences program.

INTERDISCIPLINARY MINORS

The Department of Politics and Government participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African-American Studies, African Studies, Civic Engagement and Responsibility Studies, Ethnic Studies, International Studies, Middle Eastern and South Asian Studies, Peace and Conflict Resolution Studies, Urban Studies, and Women's and Gender Studies. For further information on any of these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN POLITICS AND GOVERNMENT

Students majoring or minoring in Political Science may be admitted to the Departmental Honors Program if they have: (1) completed at least 30 semester hours of college- or university-level courses, including at least 2 Political Science courses; (2) a minimum of 3 semesters remaining before graduation; (3) a cumulative GPA of 3.30; (4) one letter of recommendation submitted by a Politics and Government faculty member to the undergraduate advisor; (5) membership in the University Honors Program; and (6) admission approval from the Departmental Honors Advisor.

In order to graduate with honors in Politics and Government a student must complete: (1) all regular requirements for the Political Science Major; (2) 3 hours of in-course honors; (3) 3 hours in POL 302: Honors Seminar; (4) 3 hours of POL 299: Independent Honors Study; and (5) have a major GPA of at least 3.50.

Any student admitted to the University Honors Program may earn honors credit by completing the honors requirements of either a designated honors course or of a course offering an in-course honors option.

Politics and Government Programs

Degrees Offered: B.A., B.S.

MAJOR IN POLITICAL SCIENCE

— 34 hours in Politics and Government including at least 18 hours at the 200-level or above and at least 6 hours at the 300-level (excluding internships, independent studies, and readings courses).

- Required courses: POL 105 or 106, 161, 138; either 140, or 141 and either 150 or 151, and 390.
- POL 390, the capstone experience, may be taken after completion of 90 hours and is taken concurrently with one of the following options with permission of the advisor, chair, or faculty member teaching the course:
 - an internship of 3 or more credits, or
 - an overseas academic experience, or
 - a 3 credit independent study project or honors project, or
 - a senior project that is contractually negotiated between the faculty member and the student in a 300-level POL course.
- A maximum of 6 hours in POL 398.01 and 398.20 may count toward a Political Science major.
- It is recommended that Political Science majors enroll in POL 105 or 106 in their first year of study and in POL 138 in their second year of study. Transfer students wishing to complete the Major are recommended to enroll in POL 105 or 106 and 138 in their first year at Illinois State University if they have not already had equivalent courses.

Global Studies Sequence:

- 12 credits in Politics and Government International Relations and Comparative courses as well as completing the POL major. Up to 18 hours outside the Department may be required (see below).
- **International Relations Component.** 6 hours from the following courses: POL 251, 252, 254, 255, 293.01, 335, 344, 351, 358, 363.
- **Comparative Politics Component.** 6 hours from the following courses: POL 240, 242, 245, 246, 247, 340, 341, 345, and 349.
- At least 3 hours of the course work chosen from the Components must be at the 300-level.
- Students must complete one of the following four options:
 1. 18 hours of approved cognate courses.
 2. An approved study abroad.
 3. Completion of LAN 112 or equivalent.
 4. An approved internship.
- It is required that students develop their Global Studies Sequence in consultation with the Global Studies Coordinator.

Leadership and Social Justice Sequence:

- 15 hours Politics and Government core courses required: POL 105 or 106; 138; 140 or 141; 150 or 151; and 161.
- 12 hours in Politics and Government Leadership in Public Affairs and Social Justice Issues courses, as well as completing the Major in Political Science and either an internship component, approved off-campus course of study focused on issues of leadership and social justice, or completion of approved cognate courses outside of the department (see below).
- **Leadership in Public Affairs Component:** Any two of the following courses (6 hours): POL 162, 213, 214, 217, 218, 220, 221, 231, 252, 293.01, 323, 330,

335, 398.01.

- **Issues in Social Justice Component:** Any two of the following courses (6 hours): POL 225, 232, 236, 240, 245, 246, 247, 254, 262, 334, 336, 352, 358, 363.
- At least 3 hours of the course work chosen from the Components must be at the 300-level, excluding 398.01. At the discretion of the sequence advisor, one other departmental course may be substituted for courses enumerated in the sequence list.
- Students must complete one of the following three options:
 1. Approved Internship in Public Affairs and Social Justice (6 hours maximum).
 2. Six approved cognate courses (18 hours) from the following: ANT 175; COM 178; ENG 261; GEO 140; HIS 111, 230, 268; IDS 111; PHI 104, 238, 246, 248; PSY 131, SWK 125; SOC 108, 111, 240, 264, 341, 361, 366; WGS 120.
 3. Approved off-campus study program with emphasis on leadership and social justice (programs vary from 12 to 17 hours).

NOTE: Students are required to develop their Leadership and Social Justice Sequence in consultation with the departmental sequence advisor.

Public Service Sequence:

This program is a subdivision of courses encompassed within the Political Science Major/Minor designed to prepare students for employment in the public or non-profit sector. The primary objective of this sequence is to serve the needs of those interested in pursuing a public service career and those who wish to learn more about public bureaucracies.

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POL 231 and 398.01 (minimum of 3 credit hours).
- Elective Public Service courses:
 - Option A: Two 200-level and two 300-level Public Service courses **or**
 - Option B: One 200-level and three 300-level Public Service courses.
- Public Service courses include: POL 214, 220, 221, 222, 232, 236, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

- 18 hours in Political Science required.
- Required course: POL 105 or 106.
- A maximum of 3 hours in POL 398.01 and 398.20 may count toward a Political Science minor.

Public Service Sequence:

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POL 231 and 398.01 (minimum of 3 credit hours).
- Elective Public Service courses:
Option A: Two 200-level and two 300-level Public Service courses **or**
Option B: One 200-level and three 300-level Public Service courses.
- Public Service courses include: POL 214, 220, 221, 222, 232, 236, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE**For Teacher Education:**

- In addition to those listed for the Minor in Political Science, students must complete education courses that are required for state certification. See undergraduate advisor for further information.

The Political Sciences for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

Legal Studies Program

The Legal Studies curriculum is designed to provide knowledge and skills related to various types of paralegal careers. This program may not be appropriate for pre-law students. While a major is not offered, interested students should consult the Legal Studies coordinator about the possibility of an individualized major under the General Studies program. In order to gain admission into the Legal Studies program, a student must have submitted a formal application to the Legal Studies coordinator; must have completed at least two (2) approved Legal Studies courses (one of which must be POL 201); and must have earned a cumulative GPA of at least 2.50 in those 2 Legal Studies courses. For further information contact the Department of Politics and Government.

MINOR IN LEGAL STUDIES

- 24 hours required.
- Required courses (15 hours): POL 201, 203, 204, 370, 371.
- 9 hours selected from the following Legal Studies Specialty Courses: POL 216, 314, 319, 322, 372, 398.20. A maximum of 6 credits of internship can be counted toward fulfilling the Legal Studies requirements. Additional hours of internship may be taken for credit as University electives.
- **NOTE:** Only Legal Studies courses with a grade of C or higher can count toward the minor.

Politics and Government Courses

Students should consult the Department advisor to learn which selected studies (189, 289, 389) courses may satisfy major requirements; this would include Politics and Government SENIOR SEMINAR, which counts toward fulfilling the 300-level hours requirement.

101 CITIZENS AND GOVERNANCE**3 sem. hrs.****MC-ICL**

Examination of the nature and purpose of government, the rights and responsibilities of citizenship, and the impact of societal cleavages. May not be taken under the CT/NC option. Not for major credit. Prerequisite: ENG 101 or COM 110 or concurrent registration

105 AMERICAN GOVERNMENT AND POLITICS**3 sem. hrs.**

Surveys the entire U.S. political process, concentrating on the national level. Includes constitutional structure, patterns of behavior, and policy making institutions. Not for credit if had POL 106.

106 U.S. GOVERNMENT AND CIVIC PRACTICES**3 sem. hrs.****MC-ICL**

Examines the sources and effects of practices and institutions of participation, influence and cleavages in U.S. politics. May not be taken under the CT/NC option. Not for credit if had POL 105. Prerequisite: ENG 101 or COM 110 or concurrent registration.

138 QUANTITATIVE REASONING IN POLITICAL SCIENCE**3 sem. hrs.****MC-QR**

Uses a classroom laboratory approach to develop skills in statistical reasoning and method. May not be taken under the CT/NC option. Formerly *SOCIAL SCIENCE REASONING USING STATISTICS*. Not for credit if had ECO 138, GEO 138, PSY 138 or MQM 100. Prerequisite: MAT 120 or 130 or 145 or consent of instructor.

140 INTRODUCTION TO THE POLITICS OF AFRICA, ASIA, AND LATIN AMERICA**3 sem. hrs.****OC-SS**

Overview of the politics and cultures of the peoples and countries of Africa, Asia, and Latin America. Not for credit if had POL 145. Prerequisite: Inner Core.

141 INTRODUCTION TO EUROPEAN POLITICS**3 sem. hrs.**

Structure, function, and political processes of European governments. Emphasis on Britain, France, and Germany.

150 INTRODUCTION TO U.S. FOREIGN POLICY**3 sem. hrs.**

The formulation, implementation, and content of U.S. foreign policy.

151 INTRODUCTION TO INTERNATIONAL RELATIONS**3 sem. hrs.**

Emphasizes understanding the behavior and characteristics of nation-states and issues affecting their relations with each other.

161 INTRODUCTION TO POLITICAL THEORY
3 sem. hrs.

Critical consideration of basic political questions such as the nature of the state, civic order, and forms of government. Formerly *INTRODUCTION TO POLITICAL THINKING*.

212 THE POLITICS OF LEGAL DECISION MAKING
3 sem. hrs.

Examines the influence of political factors on the decision making engaged in by actors in the U.S. legal system. Prerequisites: POL 105 or 106 or consent of instructor.

213 U.S. CONGRESSIONAL POLITICS
3 sem. hrs.

Major congressional institutions and proposals for their reform. Prerequisites: POL 101, 105, or 106 or consent instructor.

214 U.S. POLITICAL PARTIES
3 sem. hrs.

Study of roles, functions, effects, and consequences of political parties and interest groups in the U.S. Formerly *U.S. PARTIES AND INTEREST GROUPS*. Prerequisites: POL 101, 105, or 106 or consent instructor.

215 U.S. JUDICIAL PROCESS
3 sem. hrs.

Introduction to the major elements of the judicial system: police, lawyers, juries, and judges. Concentrates on organization and behavior. Prerequisites: POL 101, 105, or 106 or consent instructor.

216 THE POLITICS OF LEGAL DECISION MAKING
3 sem. hrs.

Examines the influence of political factors on the decision making engaged in by actors in the U.S. legal system.

217 U.S. PRESIDENCY
3 sem. hrs.

The presidency is examined pre-eminently as an office of political influence, decision-making, and policy implementation. Prerequisites: POL 101, 105, or 106 or consent instructor.

218 POLITICAL LEADERSHIP
3 sem. hrs.

An examination of leader roles, powers, and ethics in institutional and non-institutional settings in the political system broadly conceived. Prerequisites: POL 101 or 105 or 106 or consent of instructor.

220 CAMPAIGN POLITICS
3 sem. hrs.

Consideration of campaign planning, management, and activities through reading, discussion, and supervised student campaign participation. Ordinarily scheduled to coincide with federal primary and general election years. Prerequisites: POL 101, 105, or 106 or consent instructor. POL 214 recommended.

221 U.S. STATE AND LOCAL GOVERNMENTS
3 sem. hrs.

Structures and functions of state and local governments. Includes discussion of comparative state and local politics and policy outputs. Prerequisites: POL 101, 105, or 106 or consent instructor.

222 URBAN POLITICS AND PROBLEMS
3 sem. hrs.

A systems analysis of the processes and interactions of the environmental, social, economic, and power components of metropolitan political systems. Formerly *METROPOLITAN POLITICS AND PROBLEMS*. Prerequisites: POL 101, 105, or 106 or consent instructor.

225 WOMEN IN POLITICS
3 sem. hrs.

The study of the role of women in the political process. Prerequisites: 45 semester hours or consent instructor. POL 101, 105, or 106 recommended.

231 PUBLIC ADMINISTRATION
3 sem. hrs.

Mission, structure, function, politics, and public policy development of public administration, including parameters of public finance and personnel. Prerequisites: POL 101, 105, or 106 or consent instructor.

232 POLITICS AND PUBLIC POLICY
3 sem. hrs.

Introduction to the political processes of public policy formation, including theories, and an analysis and evaluation of selected policy areas. Prerequisites: POL 101, 105, or 106 or consent instructor.

233 COMMUNITY SERVICE LEADERSHIP SEMINAR
3 sem. hrs.

Tasks and functions of a community service organization; planning, community education, budgeting, policy analysis, public relations, and fundraising. Formerly POL 289.53. Prerequisites: 30 hours completed or consent of instructor.

236 ENVIRONMENTAL POLITICS AND POLICY
3 sem. hrs.

An examination of the development and implementation of government policy on the environment. Prerequisites: POL 101, 105, or 106 or consent instructor.

240 LATIN AMERICAN POLITICS
3 sem. hrs.

Politics of development and regional integration in South and Central America, using selected countries as examples. Prerequisite: 45 hours or consent instructor. POL 140 recommended.

242 RUSSIAN AND EASTERN EUROPEAN POLITICS
3 sem. hrs.

Comparative analysis of Russian and Eastern European political systems. Prerequisite: 45 hours or consent instructor. POL 141 recommended.

245 ASIAN POLITICS
3 sem. hrs.

Comparative analysis of the political systems and policies of Asian nations. Prerequisite: 45 hours or consent instructor. POL 140 recommended.

246 AFRICAN POLITICS
3 sem. hrs.

Comparative analysis of African political systems, including such contemporary problems as the politics of race, nation building, and economic development. Prerequisite: 45 hours or consent instructor. POL 140 recommended.

247 MIDDLE EASTERN POLITICS**3 sem. hrs.**

Comparative analysis of the political systems of selected Middle Eastern states and of region-wide issues including nationalism, revolution, and conflict. Prerequisite: 45 hours or consent instructor. POL 140 or recommended.

251 THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS**3 sem. hrs.**

Presentation of various approaches employed to study international politics, and an analysis of problems and prospects of the contemporary world. Prerequisite: 45 hours or consent instructor. POL 151 recommended.

252 INTERNATIONAL ORGANIZATIONS**3 sem. hrs.**

Introduction to the role of international organizations in world affairs. Preparation for Model United Nations. Prerequisite: 45 hours or consent instructor. POL 151 recommended.

254 GLOBAL ISSUES**3 sem. hrs.**

Transnational political interactions and behavior of global actors and their impact upon crucial socio-economic, technological, and cultural issues. Prerequisite: 45 hours or consent instructor. POL 151 recommended.

255 INTERNATIONAL CONFLICT AND SECURITY**3 sem. hrs.**

An examination of the nature of conflict and security arrangements among nations and their international actors. Prerequisites: 45 hours or consent instructor. POL 151 recommended.

261 CLASSICAL POLITICAL THEORY**3 sem. hrs.**

Introduction to the origin and development of inquiry about human life in political association with particular reference to ancient and medieval philosophers. Prerequisite: 45 hours or POL 161 or consent instructor.

262 MODERN POLITICAL THEORY**3 sem. hrs.**

Introduction to political theory emphasizing the intentions, methods, and concepts of selected thinkers from the 16th through the 20th centuries. Prerequisite: 45 hours or POL 161 or consent instructor.

265 AMERICAN POLITICAL THEORY**3 sem. hrs.**

Analysis and evaluation of major writings that proceed from, contribute to, or comment upon the American political experience. Prerequisite: 45 hours or POL 161 or consent instructor.

266 AMERICAN LEGAL THEORIES**3 sem. hrs.**

A theoretical overview of the legal component of political science with particular reference to policies and institutions in the American legal system. Prerequisite: 45 hours or POL 161 or consent instructor.

283 TRIAL ADVOCACY**3 sem. hrs.**

An introduction to fundamental techniques of trial advocacy in preparation for participation in intercollegiate mock trial competitions.

300 SENIOR SEMINAR**3 sem. hrs.**

Intensive study of an announced area and the formulation of a comprehensive research paper. Prerequisites: POL major/minor and 90 hours.

302 HONORS SEMINAR**3 sem. hrs.**

Intensive study of an announced area and formulation of a cumulative research paper. Not for credit if had POL 300. Prerequisites: Enroll in University Honors Program and either 60 hours or consent instructor.

310 VOTING AND ELECTIONS**3 sem. hrs.**

Intensive investigation of U.S. voting behavior and electoral process; includes instruction in analysis techniques. Prerequisites: 60 hours, POL 105, 106, or 138 or consent instructor.

312 PUBLIC OPINION**3 sem. hrs.**

Includes attention to social and psychological bases of public opinion, current trends, methods of measurement, and opinion-policy linkages. Prerequisites: 60 hours, POL 105, 106, or 138 or consent instructor.

317 U.S. POLITICS AND CULTURE AFTER VIETNAM**3 sem. hrs.**

Examination of the impact of the Vietnam War on contemporary U.S. politics. Prerequisites: 60 hours, POL 101, 105, 106, or consent instructor.

318 ADMINISTRATIVE LAW**3 sem. hrs.**

An overview of topics such as legislative, executive, and judicial control of administrative actions, public and private access to information, the administrative hearing process and other due process concerns. Prerequisite: 60 hours or consent instructor. POL 215 recommended.

324 TOPICS IN PUBLIC LAW**3 sem. hrs.**

Selected topics focusing on specialized aspects of Public Law. May repeat if content different. Prerequisites: 60 hours, POL 101, 105, 106 or consent instructor. POL 215 recommended.

325 CONSTITUTIONAL LAW: FUNCTIONS AND POWERS**3 sem. hrs.**

Major Supreme Court decisions on federalism, separation of powers, taxation, commerce, voting, and citizenship. Prerequisite: 60 hours or consent instructor. POL 215 recommended.

326 CONSTITUTIONAL LAW: DUE PROCESS RIGHTS**3 sem. hrs.**

Major Supreme Court decisions involving both procedural and substantive due process rights. Prerequisite: 60 hours or consent instructor. POL 215 recommended.

327 CONSTITUTIONAL LAW: EQUALITY AND FREE EXPRESSION

3 sem. hrs.

Major Supreme Court decisions involving discrimination, and freedom of speech, press, assembly, and religion. Prerequisite: 60 hours or consent instructor. POL 215 recommended.

330 PROBLEMS OF PUBLIC ADMINISTRATION

3 sem. hrs.

Varied approaches to problems relevant to public policy, organization development, management, staff, or personnel concerns, and applied behavioral techniques. May be repeated if content different. Prerequisite: POL 231 or consent instructor.

331 HUMAN RESOURCE MANAGEMENT

3 sem. hrs.

The personnel process in American bureaucracy; matching the individual and the job; employer-employee relations; employee motivation; problems and prospects. Formerly *PUBLIC PERSONNEL ADMINISTRATION*. Prerequisite: POL 231 or consent instructor.

333 POLITICS, BUDGETS, AND TAXES

3 sem. hrs.

Meaning, significance, content, and evolution of governmental budgeting processes and reforms at all levels of government; political implications of fiscal reforms. Prerequisite: POL 231 or consent instructor.

334 THE POLITICS OF RACE, ETHNICITY AND INEQUALITY

3 sem. hrs.

Analysis of contending theories and ideologies concerning the role of race and ethnicity in American politics and public policy. Prerequisites: POL 101, 105, or 106 or consent instructor; POL 214, 231 or 232 or 327 recommended.

337 GAY AND LESBIAN POLITICS AND THEORY

3 sem. hrs.

Explores LGBT (lesbian, gay, bisexual, and transgender) political movements in historical context and with reference to claims for citizenship. Formerly *LESBIAN AND GAY POLITICS*. Prerequisite: WGS 120 or POL 225 or consent instructor.

338 GENDER AND POLITICAL THEORY

3 sem. hrs.

Examination of how gender shapes and is shaped by public policy formulation and implementation in different political and state contexts. Formerly *GENDER AND PUBLIC POLICY*. Prerequisite: WGS 120 or POL 225 or consent instructor.

339 PLAYGROUND TO POLITICS

3 sem. hrs.

Explores Generation Y in politics, media, economic and education systems. Prerequisite: 60 hours or consent instructor. POL 161 recommended.

340 TOPICS IN LATIN AMERICAN POLITICS

3 sem. hrs.

Selected topics focusing on specialized aspects of Latin American politics. May repeat if content different. Prerequisites: Select 1 of the following: POL 140, 240; HIS 263, or consent instructor.

341 TOPICS IN EUROPEAN POLITICS

3 sem. hrs.

Selected topics focusing on specialized aspects of European politics. May repeat if content different. Prerequisites: Select 1 of the following: POL 141, 242; GEO 240, 245; HIS 229, 234, 237, 366, or consent instructor.

344 TOPICS IN GLOBAL STUDIES

3 sem. hrs.

Intensive review and analysis of critical global problems and strategies for dealing with them. May repeat if content different. Prerequisites: Select 1 of the following: POL 150, 151, 251, 252, 254, 255, or consent instructor.

345 TOPICS IN ASIAN POLITICS

3 sem. hrs.

Selected topics focusing on specialized aspects of Asian politics. May repeat if content different. Prerequisites: Select 1 of the following: POL 140, 245, 255; HIS 373, 375, or consent instructor.

349 TOPICS IN MIDDLE EAST POLITICS

3 sem. hrs.

Selected topics focusing on specialized aspects of Middle East politics. May repeat if content different. Prerequisites: Select 1 of the following: POL 140, 247; HIS 272; or consent instructor.

351 INTERNATIONAL LAW

3 sem. hrs.

Political nature, legal principles, and juridical procedures and cases of contemporary international law. Prerequisites: Select 1 of the following: POL 151, 251, 252, 254, 255, or consent instructor.

352 HUMAN RIGHTS

3 sem. hrs.

General overview of human rights: philosophical foundation, historical development, main documents, institutions, movements and campaigns. Prerequisites: POL 140, 151, 251, 252, 254 or 255 or consent instructor.

358 INTERNATIONAL POLITICAL ECONOMY

3 sem. hrs.

An analysis of the structures of political power in the international political economy. Prerequisites: Select 1 of the following: POL 151, 251, 252, 254, 255, or consent instructor.

361 TOPICS IN POLITICAL THEORY

3 sem. hrs.

Selected advanced topics covering specific concepts or authors in political theory. May be repeated if content different. Prerequisites: POL 101, 105, 106, or 161 or 60 semester hours or consent instructor.

363 POLITICAL THEORIES OF NONVIOLENCE

3 sem. hrs.

Analysis of contending theories and approaches regarding nonviolence and civil disobedience. Prerequisites: POL 101, 105 or 106, 161, 261, 262, 265, or consent instructor.

390 CAPSTONE EXPERIENCE**1 sem. hr.**

Students will complete a capstone paper that highlights original research conducted independently, in conjunction with a 300-level POL course, study abroad, internship, independent study or honors project. CR/NC only. Prerequisite: Completion of 90 credit hours

**398.01 PROFESSIONAL PRACTICE:
PUBLIC SERVICE INTERNSHIP****1-16 sem. hrs.**

Planned, supervised experience in a governmental or community organization, providing on-the-job training and introduction to public service careers. Maximum 6 hours/POL major; maximum 3 hours/POL minor. Prerequisite: Complete department internship application procedure.

**398.02 PROFESSIONAL PRACTICE:
SUMMER FIELD EXPERIENCES
IN POLITICS****1-12 sem. hrs.**

Field experience in the political professions is an experience that enables students to put into practice skills and knowledge learned in the classroom. Prerequisites: Major or minor in political science. Junior standing or above.

Legal Studies Courses

The following courses are designed for the Legal Studies program. Except for POL 201, 203, 204, and 398.20, these courses may not be counted for credit toward a Political Science major or minor. A maximum of 9 hours may be applied to a Political Science major or minor from Legal Studies courses.

201 INTRODUCTION TO LAW FOR PARALEGALS**3 sem. hrs.**

A paralegal specialty course that introduces students to basic legal concepts, and the role of paralegals/legal assistants in the American legal system. Prerequisite: Completion of 45 hours.

203 LEGAL RESEARCH I**3 sem. hrs.**

A writing-intensive, paralegal specialty course that introduces students to the basic techniques of legal research. Prerequisite: POL 201 or consent Legal Studies advisor.

204 LEGAL RESEARCH II**3 sem. hrs.**

A writing-intensive paralegal specialty course that covers advanced legal research. Prerequisite: POL 203.

216 INTRODUCTION TO TORTS**3 sem. hrs.**

An introduction to the fundamental concepts of tort law. Topics include intentional and unintentional wrongs, varieties of liability, and courses of action. Not for credit POL major/minor.

**314 INVESTIGATIVE TECHNIQUES
AND EVIDENCE****3 sem. hrs.**

Techniques for the gathering and preparation of evidence for use in legal disputes. Formerly *INVESTIVATIVE TECHNIQUES*. Not for credit POL major/minor. Prerequisites: POL 201 and 216.

319 PROBATE LAW**3 sem. hrs.**

Introduction to the fundamentals of probate law with emphasis on tasks which can be performed by paralegals. Not for credit POL major/minor. Prerequisite: POL 201 or consent instructor.

322 FAMILY AND DOMESTIC RELATIONS LAW**3 sem. hrs.**

Overview of the laws and procedures governing legal aspects of marriage and child custody. Emphasis is placed on tasks which can be performed by paralegals. Formerly *DOMESTIC RELATIONS LAW*. Not for credit POL major/minor. Prerequisite: POL 201 or consent instructor.

360 CRIMINAL LITIGATION**3 sem. hrs.**

An advanced paralegal specialty course covering criminal litigation from the commission of a crime through the trial and appellate stages. Not for credit POL major/minor. Prerequisite: POL 201.

370 LITIGATION I**3 sem. hrs.**

An advanced paralegal specialty course that covers both civil and criminal litigation from the filing of a legal action through the defendant's responses. Not for credit POL major/minor. Prerequisites: POL 201 and 203.

371 LITIGATION II**3 sem. hrs.**

An advanced paralegal specialty course that covers both civil and criminal litigation from the discovery and pretrial motions through the trial and appellate stages. Not for credit POL major/minor. Prerequisite: POL 370.

372 EMPLOYMENT LAW**3 sem. hrs.**

A paralegal specialty course covering retirement plans, collective bargaining agreements, workmen's compensation, anti-discrimination laws, and OSHA regulations. Not for credit POL major/minor. Prerequisite: POL 201 or consent instructor.

**398.20 PROFESSIONAL PRACTICE:
PARALEGAL INTERNSHIP****1-16 sem. hrs.**

Internship provides work experience involving paralegal skills. Maximum 6 hours POL major; maximum 3 hours POL minor. Prerequisites: POL 201. Complete department internship application procedure.

PSYCHOLOGY (PSY)

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435 DeGarmo Hall, (309) 438-8651

Web address: Psychology.IllinoisState.edu**Chairperson:** J. Scott Jordan.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Reeder.*Professors:* Barone, Bergner, Binning, Catanzaro, Creasey, T. Critchfield, DeSouza, House, Jarvis, Jordan, Kahn, Landau, Nauta, Pryor, Reeder, Stevens, Swerdlik.*Associate Professors:* Braswell, Cates, K. Critchfield, Cutting, Farmer-Dougan, Hesson-McInnis, Heidenreich, Hoff, Hund, McBride, Meyers, Pfof, Reese-Weber, Rivadeneyra, K. Schneider, Tobin, Wagman, Zimmerman.*Assistant Professors:* Croker, W. Schneider.

General Department Information

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or consult the Department of Psychology Website: <http://psychology.illinoisstate.edu>.

NOTE: Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses.

NOTE: The Department of Psychology typically does not admit students into the major who have completed more than 75 hours.

Standards for Progress in the Major:

In order to remain in the major, all Psychology majors must have achieved the following by the time they have completed 75 hours: (1) maintenance of a 2.00 or higher cumulative Illinois State University GPA, (2) maintenance of a 2.20 or higher Psychology major GPA (based on all courses taken at Illinois State University that count towards the Psychology major), and (3) completion of all of the following courses with a grade of C or better: PSY 111, 138, 200, and 231; MAT 120, 121, 144 or 145; a laboratory science course.

Records of all Psychology majors will be reviewed once they have completed 75 hours. Any student not fulfilling all of the standards for progress will be dismissed from the Psychology major.

MINOR IN COGNITIVE SCIENCE

The Department of Psychology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the

section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN PSYCHOLOGY

The Department offers honors work for superior students majoring in Psychology. In order to qualify, the student must be a member of the University Honors Program, have achieved senior standing at Illinois State University, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in Psychology course work. Finally, after a semester of experience with a faculty member, the student must complete a senior thesis (IDS 395.03 - Honors Thesis: Psychology) for at least 3 hours that reflects substantial research and quality of thought and present the thesis at the Psychology Department Honors colloquium.

Psychology Programs

Degrees Offered: B.A., B.S.

The Major in Psychology prepares students for careers in psychology-related fields as well as advanced studies in the discipline. The curriculum ensures that majors gain a strong background in the basic and applied aspects of psychological science. Majors receive in-depth instruction in psychological research methods and statistical application. They also take five courses in foundational areas of psychology that provide exposure to the broad content of the discipline, historical issues, cultural considerations, and applications. Majors become familiar with careers in psychology and complete a capstone experience as they complete the program.

MAJOR IN PSYCHOLOGY

- 41 hours in Psychology required.
- Meet departmental admission criteria.
- Students who major in Psychology must complete the following courses: ENG 145; MAT 120 or 145 (which also meet Inner Core General Education requirements) or MAT 121 or 144; 2 laboratory science courses (which can be met through Inner Core General Education requirements); a Philosophy course.
- Required courses: PSY 111, 138, 200, 213, 223, 231, 233, 253, 263, 331, 340, 392 (or alternative below):
- Students may select one of the following options to replace PSY 392: (1) PSY 290 (for 3 hours) and 390 with the same faculty member, or (2) PSY 291 (for 3 hours) and PSY 391 with the same faculty member, or (3) PSY 395 and 398 (for 3 hours) taken the same semester, or (4) IDS 395.03 (for at least 3 hours, must have senior standing) and presenting honors thesis at honors symposium.
- 6 hours of additional PSY electives at the 300-level are required. (If a 3-hour course is transferred for PSY 111, a total of 7 hours of additional PSY electives are required, 6 of which must be at the 300-level.)
- Students may not register for more than a cumulative total of 15 hours of any combination of the following courses: PSY 287, 290, 291, 299, 390, 391, 398, or IDS 395.03.

- Not more than 16 hours of 100-level Psychology courses, or Psychology courses transferred from community colleges, may count toward the major.

MINOR IN PSYCHOLOGY

- 2.50 GPA with 12 hours completed at Illinois State University to be admitted to the Psychology Minor.
- 21 hours in Psychology required, exclusive of the statistics requirement (see below).
- Required courses: PSY 110 or 111, 231, 233.
- 6 of the elective hours must be taken at the 200- or 300-level (upper division) at Illinois State or another four-year school.
- A course in statistics from: PSY 138; ECO 138; GEO 138; POL 138; MQM 100; MAT 150 or MAT 250; SOC 275; or by transfer.
- NOTE: Except for PSY/SOC 123 and PSY/SOC 223 (as electives) and SOC 275 (if used as statistics requirement), course work in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.

Psychology Courses

110 FUNDAMENTALS OF PSYCHOLOGY MC-IS 3 sem. hrs.

A review and critical analysis of psychology's most influential explanations of human behavior. Students may be expected to participate in experiments. Not for credit if had PSY 111. Not for credit in PSY major. May not be taken under the CT/NC option. Formerly *EXPLAINING HUMAN BEHAVIOR*. Prerequisite: ENG 101 or COM 110 or concurrent registration.

111 INTRODUCTION TO PSYCHOLOGY 4 sem. hrs.

Introduction to the discipline of psychology as the scientific study of behavior with emphasis on theory, methodology, and applications. Students may be expected to participate in studies. May not be substituted for PSY 110. Formerly *GENERAL PSYCHOLOGY*. Prerequisite: PSY major only.

123 HUMAN SEXUALITY 3 sem. hrs.

Basic psychological, socio-cultural, and physiological elements of human sexuality. Not for credit if had SOC 123. Prerequisite: SOC 106 or PSY 110 or 111 recommended.

138 REASONING IN PSYCHOLOGY USING STATISTICS MC-QR 3 sem. hrs.

Introduction to descriptive and inferential statistics. Includes use of the Statistical Package for Social Sciences (SPSS) on laboratory computers. May not be taken under the CT/NC option. Formerly *SOCIAL SCIENCE REASONING USING STATISTICS*. Not for credit if had PSY 240; ECO 138; GEO 138; POL 138 or MQM 100. Prerequisite: MAT 120 or 145.

200 CAREERS IN PSYCHOLOGY 1 sem. hr.

Careers in Psychology and in other fields utilizing a Psychology Major. Prerequisites: PSY 110 or 111. PSY major only.

213 LIFESPAN DEVELOPMENT OC-SS 3 sem. hrs.

A critical examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences. Not for credit if had PSY 112, 113, 301, 302, or 303. Formerly PSY 113 *DEVELOPMENT THROUGH THE LIFE SPAN*. Prerequisites: ENG 101 and COM 110, or ENG 101 and concurrent registration in COM 110, or COM 110 and concurrent registration in ENG 101; PSY 110 or 111.

215 EDUCATIONAL PSYCHOLOGY 3 sem. hrs.

Application of psychology to education covering human learning in school settings, evaluation and measurement of learning outcomes, developmental factors and learning, and social factors of learning. Includes Clinical Experience: Type 1. Prerequisites: PSY 110 or 111. Teacher Education Major only.

223 SOCIAL PSYCHOLOGY OC-SS 3 sem. hrs.

Scientific study of ways individuals think, feel, and behave in social situations; research methods, attitudes, social cognition, and interpersonal relations. Also offered as SOC 223. Formerly PSY/SOC 131. Prerequisites: ENG 101 and COM 110, or ENG 101 and concurrent registration in COM 110, or COM 110 and concurrent registration in ENG 101; PSY 110 or 111 or SOC 106.

230 BUSINESS AND INDUSTRIAL PSYCHOLOGY 3 sem. hrs.

Behavioral factors related to business and industry. Personnel practices, individual-group interaction, leadership and morale, fatigue and safety, and consumer behavior. Prerequisite: PSY 110 or 111.

231 RESEARCH METHODS IN PSYCHOLOGY 3 sem. hrs.

Scientific inquiry and research in psychology with emphasis on experimental methodology and application of principles through laboratory experimentation and demonstration. Prerequisites: PSY 110 or 111; ECO 138 or GEO 138 or MAT 150 or MQM 100 or POL 138 or PSY 138 or equivalent or concurrent registration. ENG 145 is recommended.

233 PSYCHOLOGY OF PERSONALITY OC-SS 3 sem. hrs.

Critically examines psychology's most influential theories regarding the nature of persons, including psychoanalysis, behaviorism, cognitivism, and biological theory. Formerly *THE PERSON IN SOCIETY*. Prerequisites: ENG 101 and COM 110, or COM 110 and concurrent registration in ENG 101, or ENG 101 and concurrent registration in COM 110; PSY 110 or 111.

253 COGNITION AND LEARNING 3 sem. hrs.

Basic principles of perception, attention, memory, language, thinking, and learning. Not for credit if had PSY 366, *COGNITIVE PSYCHOLOGY*. Prerequisite: PSY 110 or 111.

263 PHYSIOLOGICAL PSYCHOLOGY 3 sem. hrs.

Neurophysiological, biochemical and anatomical substrates of behavior including sensorimotor, perceptual, motivational, emotional, and intellectual behaviors. Not for credit if had PSY 363. Prerequisite: PSY 110 or 111.

287 INDEPENDENT STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students not on academic probation and who have demonstrated an ability to profit from independent study. Maximum of 6 hours may be applied toward graduation. Prerequisite: Consent department chair and supervisor.

290 SPECIAL PROJECTS: RESEARCH APPRENTICESHIP**1-3 sem. hrs.**

Work on a faculty member's research project with faculty member. May repeat; maximum 9 hours. Formerly PSY 290.01. Prerequisites: 2.00 GPA; consent department chair and instructor.

291 SPECIAL PROJECTS: UNDERGRADUATE TEACHING**1-3 sem. hrs.**

Work with a faculty member assisting in classroom instruction. May repeat; maximum 9 hours. Formerly PSY 290.02. Prerequisites: 2.20 GPA; consent department chair and instructor.

299 INDEPENDENT HONOR STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive report or examination. Open to students with superior academic records and a demonstrated ability to profit from independent study. Maximum of 6 hours may apply toward graduation. Prerequisites: Consent instructor, department chair, and Director of Honors.

301 INFANT AND CHILD DEVELOPMENT**3 sem. hrs.**

Motor, cognitive, and emotional development and personality growth of children, birth through pre-adolescence. Formerly *DEVELOPMENTAL PSYCHOLOGY OF CHILDHOOD*. Prerequisite: PSY 110 or 111.

302 ADOLESCENT DEVELOPMENT**3 sem. hrs.**

Psychosocial issues are covered across developmental contexts for adolescents experiencing fundamental biological, cognitive and social changes. Formerly *DEVELOPMENTAL PSYCHOLOGY OF ADOLESCENCE*. Prerequisites: PSY 110 or 111; PSY 213 or 215 or 231 or C&I 210.

303 ADULT DEVELOPMENT AND AGING**3 sem. hrs.**

A study of physical, cognitive, and personality development during adulthood, with emphasis on theories, empirical data, research methods, and current issues. Prerequisite: PSY 110 or 111.

305 PSYCHOLOGY OF WOMEN**3 sem. hrs.**

Psychological research to place in scientific perspective the etiology and behavioral consequences of female- and male-oriented attitudes. Prerequisite: PSY 110 or 111.

320 HISTORY OF PSYCHOLOGY**3 sem. hrs.**

Historical antecedents of modern psychology. Examination of modern psychology from a systematic point of view. Formerly *HISTORY AND SYSTEMS OF PSYCHOLOGY*. Prerequisite: PSY 110 or 111, 213 or 233 or PSY/SOC 223, and PSY 253 or 263; or graduate status in Psychology; or consent of instructor.

326 INTERNATIONAL PSYCHOLOGY**3 sem. hrs.**

History, current status, and future directions of scientific and professional psychology applied to contemporary global issues. Prerequisite: PSY 110 or 111.

327 TOPICS IN PSYCHOLOGY AND DIVERSITY**3 sem. hrs.**

Psychological research that focuses on culture, ethnicity, gender, or other aspects of diversity. Prerequisite: PSY 110 or 111.

331 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY**3 sem. hrs.**

Advanced research course focusing on particular content areas. May be repeated if content different. Materials charge optional for some topics. Topics concentrate in different areas: .01 Developmental, .03 Operant Behavior, .04 Perceptual, .05 Social, .07 Cognitive Processes, .09 Physiological, .11 Personality. Prerequisites: PSY 138 and 231, or consent instructor. PSY major only.

333 PRINCIPLES OF BEHAVIOR MODIFICATION**3 sem. hrs.**

Principles of behavior modification with an emphasis upon their use in a variety of educational and clinical settings. Prerequisite: PSY 110 or 111.

334 PSYCHOLOGICAL MEASUREMENT**3 sem. hrs.**

The use of psychological testing in applied settings and fundamentals of measurement theory, including interpretation of test scores, reliability and validity assessment, and test development. Prerequisites: PSY 110 or 111; ECO 138 or GEO 138 or MAT 250 or MAT 351 or MQM 100 or POL 138 or PSY 138 or consent department.

340 STATISTICS FOR THE SOCIAL SCIENCES**3 sem. hrs.**

Advanced statistical techniques for the behavioral sciences including hypothesis testing, inferential statistics, and data analysis using SPSS. Not for credit if had PSY 240 or PSY 345. Prerequisites: C or better in PSY 138; MAT 120 or 121 or 144 or 145. PSY major only.

346 PSYCHOLOGY OF EXCEPTIONAL CHILDREN**3 sem. hrs.**

A study of the socio-psychological factors influencing the exceptional child's cognitive and affective development with implications for those working with exceptional children. May Include Clinical Experience: Type 1. Prerequisite: PSY 110 or 111.

347 BEHAVIOR DISORDERS IN CHILDREN**3 sem. hrs.**

Medical, psychological, and sociological aspects of behavioral disorders of children. Prerequisite: PSY 110 or 111.

350 PSYCHOPATHOLOGY**3 sem. hrs.**

Behavior disorders, neuroses, psychoses, character disorders, mental deficiencies, and other psychopathological conditions. Prerequisite: PSY 110 or 111.

351 INTRODUCTION TO CLINICAL AND COUNSELING PSYCHOLOGY**3 sem. hrs.**

Introduction to clinical and counseling psychology, including clinical assessment methods, modes of therapy, and current challenges in the fields. Formerly *CLINICAL APPLICATIONS OF PSYCHOLOGY*. Prerequisites: PSY 110 or 111; PSY 350 or concurrent registration. PSY 233 recommended.

360 LEARNING**3 sem. hrs.**

Experimental data bearing on the problem of learning; learning theory; learning data and theory in relation to applied problems. Prerequisites: PSY 110 or 111; PSY 231.

361 PERCEPTION**3 sem. hrs.**

Cognitive processes and their relationship to other processes. Relationship of sensation, attention, and memory to perception and factors influencing perception. Prerequisites: PSY 110 or 111; PSY 231.

364 MOTIVATION**3 sem. hrs.**

Evolution of basic concepts leading to contemporary explanation of determiners of action with application to vocational, social, and educational areas. Prerequisites: PSY 110 or 111; PSY 231.

365 DYNAMICS OF SOCIAL BEHAVIOR**3 sem. hrs.**

An overview of the explanations for various aspects of social behavior, e.g., interaction, attitudes, person perception, etc. Prerequisites: PSY 110 or 111; PSY 223 or SOC 223.

367 INTRODUCTION TO BEHAVIORAL PSYCHOPHARMACOLOGY**3 sem. hrs.**

Foundation concepts of behavioral psychopharmacology including basic brain anatomy and physiology, neural mechanisms of drug action, and examination of drug action and behavior. Prerequisites: PSY 110 or 111; PSY 231; BSC 101 or 196. PSY 263 is recommended.

368 HUMAN MEMORY**3 sem. hrs.**

Basic theories and findings in the study of human memory with a focus on organization, development, distortions, and disorders. Prerequisites: PSY 110 or 111; PSY 231.

369 PSYCHOLINGUISTICS**3 sem. hrs.**

Basic theories and findings in the study of the psychological processes of language use. Prerequisites: PSY 110 or 111; PSY 231.

375 PERSONNEL PSYCHOLOGY**3 sem. hrs.**

Procedures, methods, and professional issues relevant to matching job candidates' personal attributes to the requirements of specific jobs; emphasis is on personnel selection, training, and EEO legal compliance. Prerequisite: PSY 230 or 334 or consent instructor.

376 ORGANIZATIONAL PSYCHOLOGY**3 sem. hrs.**

Research methods and results concerning social psychology of work organizations. Descriptions of practices in organizational psychology. Not for credit if had MQM 221 or 421. Prerequisite: PSY 230 or consent instructor.

390 ADVANCED RESEARCH APPRENTICESHIP**3 sem. hrs.**

Intensive work on a research project with a faculty member, culminating in a final paper or presentation. Prerequisites: PSY 290 for 3 hours; consent of department chair and instructor. Senior standing; PSY major only; 2.00 GPA.

391 SCHOLARSHIP OF TEACHING AND LEARNING APPRENTICESHIP**3 sem. hrs.**

Intensive work with a faculty member on the Scholarship of Teaching and Learning, culminating in a final paper or presentation. Prerequisites: Senior standing; PSY major only; 2.20 GPA; PSY 291 for 3 hours; consent department chair and instructor.

392 SENIOR SEMINAR**3 sem. hrs.**

A capstone course for PSY majors featuring in-depth study of selected topics. Consult department for specific content of each section. Prerequisites: Senior standing; PSY major only.

395 PROFESSIONAL PRACTICE SEMINAR**3 sem. hrs.**

Research application seminar focusing on utilizing the science of psychology in specific community settings. Prerequisites: Senior standing; PSY major only; PSY 398 concurrent registration for 3 hours; consent department chair.

398 PROFESSIONAL PRACTICE: PSYCHOLOGY**1-3 sem. hrs.**

Internship applying psychology coursework in a supervised work experience in community agencies, organizations, businesses and institutions. May repeat up to maximum 9 hours total. Prerequisites: PSY major only; 15 hours in PSY; junior/senior standing; 2.20 GPA; consent of department.

SOCIAL WORK (SWK) 465

313 Rachel Cooper, (309) 438-3631

Web address: SocialWork.IllinoisState.edu

Email address: SocialWork@IllinoisState.edu

Fax: (309) 438-5880

Director: Wanda Bracy.

Tenured/Tenure-track Faculty:

Associate Professors: Bracy, Hamilton, Harris, Liechty, Raines, Wehrmann, Zosky.

Assistant Professors: Edmonds-Cady, Houston, Winfrey.

General School Information

Admission Requirements:

Students may declare a major in the School of Social Work upon admission to the University or with permission of the School.

NOTE:

- The School of Social Work reserves the right to maintain a balanced enrollment. This may restrict the numbers of freshmen, transfer students, and internal transfers who wish to be Social Work majors.
- Most Social Work courses are restricted to Social Work majors.
- The School does not offer a minor in Social Work.
- Only Social Work students may take required courses. Academic credit for life experience and/or previous work experience is not given, in whole or in part, in lieu of any social work course.

All Social Work majors must also be formally admitted to the program. The admission process is a prerequisite for taking any 300-level Social Work course. In order to be formally admitted, students are required to make formal application before their enrollment in SWK 223. To be accepted, students must have satisfied the following requirements:

1. At least 30 hours of credit with a minimum 2.50 overall GPA;
2. Grade of C or better in all courses required for the major;
3. Successful completion of at least 25 pre-approved hours of volunteer or paid work experience in an appropriate social service agency within the past 2 years.

Exemptions from the grade point requirement may be made for students who demonstrate potential for academic success in Social Work. Exceptions are granted upon the recommendations of the Social Work Admission Committee and the Director or designee of the Social Work program.

Retention Requirements:

The School reserves the right to enforce professional standards of practice as specified in Section 6369 of the Clinical Social Work and Practice Act. These standards may be taken into consideration in decisions related to program retention. Additionally, students must maintain a cumulative

grade point average of 2.50 and a grade of C or better in all major required courses to proceed into SWK 398.10 Professional Practice: Field Instruction I and SWK 394 Field Instruction Seminar I.

HONORS IN SOCIAL WORK

The School of Social Work offers honors work for superior students majoring in Social Work. In order to qualify, the student must be a member of the University Honors Program, have completed a minimum of 12 hours for honors credit, and achieve a cumulative University GPA of 3.30 or better, and have a GPA of 3.50 or better in Social Work. Students pursuing this option should contact the School's Director of Student Services.

Social Work Program

Degrees Offered: B.S.W.

MAJOR IN SOCIAL WORK

- 54 hours required in Social Work core courses: 222, 223, 225, 310, 315, 325, 326, 329, 336, 337, 345, 346, 394, 395, 398.10, and 398.11.
- 15 hours required in an introductory social work course and liberal arts courses: SWK 170; ECO 103; PSY 110, 350; SOC 106.
- 12 hours required in General Education courses which include: ANT 185; BSC 101 or BSC 145 or BSC 170; POL 101 or 106; and any MC-QR course.
- Additionally, students pursuing a Bachelor of Social Work degree must choose from one of the following options:
 - One additional three hour course in the natural sciences, mathematics, statistics, or technology beyond those required for General Education.
 - Successful completion of LAN 115 or the equivalent.
 - Successful completion of LAN (Spanish) 301.15.

Fall Semester - First Year

SWK 222 - Contemporary Social Welfare Policy
 SWK 223 - Human Behavior I
 SWK 310 - Understanding Diverse Populations
 SWK 325 - Generalist Practice: Individuals
 SWK 326 - Practice Skills Laboratory

Spring Semester - First Year

SWK 225 - Human Behavior II
 SWK 315 - Social Work Research
 SWK 329 - Preparation for Professional Practice
 SWK 336 - Generalist Practice II: Families
 SWK 337 - Generalist Practice III: Groups

Fall Semester - Second Year

SWK 345 - Generalist Practice IV: Communities
 SWK 394 - Field Instruction Seminar I
 SWK 398.10 - Field Instruction I

Spring Semester - Second Year

SWK 346 - Policy Practice and Advocacy
 SWK 395 - Field Instruction Seminar II
 SWK 398.11 - Field Instruction II
 Approved elective course

- Suggested electives: CJS 101, 102; C&I 312; COM 223; ECO 103; FCS 224; IDS 111; ITK 140; TEC 175; PHI 138; POL 105, 215, 238; PSY 123, 213, 233, 301, 302, 333, 347; SED 109; SOC 106, 108, 111, 112, 123, 240, 260, 262, 263, 332, 342, 366; SWK 125, 323, 324, 330; WGS 120; or other relevant courses selected in consultation with the school's Director of Student Services.
- The Baccalaureate Degree in Social Work is accredited by the Council on Social Work Education. The principal educational goal is to prepare students for beginning generalist social work practice.

Special Concentrations:

Concentration in Women's and Gender Studies: This 12-hour concentration has been designed for social work majors who wish to integrate a working knowledge of gender issues and their intersections with the undergraduate BSW degree. SWK 329 pre-practicum must be with an organization focusing on gender issues.

Child Welfare Concentration: This special concentration is available to social work majors who wish to practice within the child welfare field in the State of Illinois.

Gerontology Concentration and Minor: This special program has been designed for students who wish to enhance the social work major by integrating a working knowledge of gerontological issues with the undergraduate social work degree.

Students interested in any of the above programs should contact the Director of Student Services in the School of Social Work.

Social Work Courses

125 BUILDING HEALTHIER COMMUNITIES THROUGH COMMUNITY INVOLVEMENT OC-SS 3 sem. hrs.

Study of social issues with emphasis on rebuilding healthier communities, including an experiential service learning component. Prerequisite: Inner Core.

170 INTRODUCTION TO SOCIAL WORK 3 sem. hrs.

Survey of the profession of social work and the institution of social welfare in the contemporary United States.

211 SOCIAL GERONTOLOGY 3 sem. hrs.

Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society. Also offered as SOC 211. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 or PSY 111 recommended.

222 HISTORICAL AND CONTEMPORARY SOCIAL WELFARE POLICY AND PROGRAMS 3 sem. hrs.

Historical development and critical analysis of social welfare programs, policies, and issues. Formerly *CONTEMPORARY SOCIAL WELFARE POLICY*. Prerequisites: Concurrent registration in SWK 223, 310, 325, 326.

223 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I 3 sem. hrs.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for micro social work practice. Prerequisites: SWK foundation courses (See Major in Social Work); PSY 350 or concurrent registration. Concurrent registration SWK 310, 325, 326. Major only; junior standing.

225 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II 3 sem. hrs.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for micro, mezzo, and macro social work practice. Focus is on the second half of the life cycle. Prerequisites: SWK 223, 310, 325, 326.

310 UNDERSTANDING DIVERSE POPULATIONS 3 sem. hrs.

Examines the impact of discrimination and oppression on the development and delivery of social work services to diverse populations. Formerly *PRACTICE WITH DIVERSE POPULATIONS*. Prerequisites: SWK foundation courses (See Major in Social Work); PSY 350 or concurrent registration. Concurrent registration SWK 223, 325, 326. Major only; junior standing.

311 ISSUES IN GERONTOLOGY 3 sem. hrs.

Advanced treatment of selected subjects in gerontology. May be repeated if content differs. Also offered as SOC 311. Prerequisites: SOC/SWK 211 or consent instructor; Completion of 75 hours or consent instructor.

315 SOCIAL WORK RESEARCH 3 sem. hrs.

Application of theories and skills of research to social work practice with individuals, families, groups, communities, and organizations. Prerequisites: SWK 222, 225, 329, 336. Major only or consent department advisor.

323 CHILD WELFARE SERVICES 3 sem. hrs.

Services for dependent, neglected, abused, and handicapped children and their families. Recommended before SWK 398.10 if student wishes placement in a child and family service agency. Prerequisites: SWK 222 recommended or SED or FCS major.

324 TOPICS IN CHILD WELFARE 3 sem. hrs.

Analysis of current child welfare topics and the role of the profession of social work. Prerequisite: SWK 323 or consent instructor.

325 GENERALIST PRACTICE I: INDIVIDUALS 3 sem. hrs.

Introduction to generalist social work practice with an emphasis on working with individuals. Prerequisites: SWK foundation courses (See Major in Social Work); PSY 350 or concurrent registration. Major only; junior standing. Concurrent registration SWK 223, 310, 326.

326 PRACTICE SKILLS LABORATORY**3 sem. hrs.**

Lab course which teaches interpersonal social work practice skills. Materials charge optional. Prerequisites: SWK foundation courses (See Major in Social Work); PSY 350 or concurrent registration. Major only; junior standing. Concurrent registration SWK 223, 310, 325.

329 PREPARATION FOR PROFESSIONAL PRACTICE**3 sem. hrs.**

An educationally focused community service experience and seminar that emphasizes socialization of students to the profession of social work. Prerequisites: SWK 223, 310, 325, 326.

330 TOPICS IN CONTEMPORARY SOCIAL WORK AND SOCIAL WELFARE**1-3 sem. hrs.**

Analysis of current social welfare topics and the role of the profession of social work. May be repeated; maximum 6 hours. Prerequisite: Consent instructor.

336 GENERALIST PRACTICE II: FAMILIES**3 sem. hrs.**

Introduces students to the social work knowledge and practice skills necessary to effect change and growth in struggling families. Not for credit if had SWK 335. Prerequisites: SWK 223, 310, 325, 326.

337 GENERALIST PRACTICE III: GROUPS**3 sem. hrs.**

Expands the theoretical foundation and practice methodology by focusing specifically on knowledge and skills to effect change in small groups. Not for credit if had SWK 335. Prerequisites: SWK 222, 225, 329, 336

345 GENERALIST PRACTICE IV: COMMUNITIES**3 sem. hrs.**

Social work practice with neighborhoods, communities, and human service agencies, including program planning, grant writing, administration, supervision, and evaluation. Prerequisites: SWK 315, 337, 394, 398.10.

346 POLICY PRACTICE AND ADVOCACY**3 sem. hrs.**

Policy practice and advocacy skills needed to bring about social change. Prerequisites: Completion of the following foundation courses: SWK 222, 223, 225, 310, 315, 325, 326, 329, 336, 337.

394 FIELD INSTRUCTION SEMINAR I**2 sem. hrs.**

Taken with the field practicum, this seminar facilitates students' initial integration of generalist practice knowledge with practice in a field agency. Not for credit if had SWK 396. Prerequisites: SWK 222, 225, 329, 336; concurrent registration SWK 398.10; Senior standing and formal admission to SWK major. Major only.

395 FIELD INSTRUCTION SEMINAR II**2sem. hrs.**

Taken with the field practicum, this seminar facilitates students' integration of generalist practice knowledge with practice in a field agency. Not for credit if had SWK 396. Prerequisites: SWK 315, 337, 394, 398.10; concurrent registration SWK 398.11

398.10 PROFESSIONAL PRACTICE: FIELD INSTRUCTION I**7 sem. hrs.**

Supervised field instruction and practice in social work methods with individuals, groups, and communities in a social welfare agency. CR/NC only. Materials charge optional. Prerequisites: SWK 222, 225, 329, 336; concurrent registration SWK 394.

398.11 PROFESSIONAL PRACTICE: FIELD INSTRUCTION II**7 sem. hrs.**

Advanced supervised field instruction and practice in social work. Setting usually the same as in SWK 398.10 but experiences are more diverse and complex. CR/NC only. Prerequisites: SWK 315, 337, 394, 398.10; concurrent registration SWK 395.

SOCIOLOGY - ANTHROPOLOGY**332 Schroeder Hall, (309) 438-8668****Web address: SociologyAnthropology.IllinoisState.edu****Chairperson:** Fred H. Smith.**Tenured/Tenure-track Faculty:****Sociology:** *Distinguished Professor:* Sprecher.*Professors:* Leonard, McKinney, Toro-Morn.*Associate Professors:* Beck, Bjorklund, Brehm, Brown, Gerschick, Gill, Maroules, Schmeeckle, Willetts, Wortham.*Assistant Professors:* Avogo, Burr, Pitluck, Sullivan, Wellin.**Anthropology:***Professors:* Skibo, F. Smith, Stanlaw.*Associate Professor:* Hunter, Scott, M. Smith.*Assistant Professors:* Adachi, Sampeck.**General Department Information****INTERDISCIPLINARY MINORS**

The Department of Sociology/Anthropology participates in a number of interdisciplinary minors at the University. Course work offered by the Department contribute to the following minors: African-American Studies, Cognitive Science, Native American Studies, and Urban Studies. For further information on any of these minors and their advisors, please consult the University-Wide Curriculum section in this Undergraduate Catalog.

HONORS IN ANTHROPOLOGY

In order to graduate with Departmental Honors in the Anthropology Program, the student must meet all university graduation requirements for the major. In addition, the student must meet the following requirements: (1) have a minimum cumulative overall GPA of 3.30; (2) have earned a 3.50 GPA in Anthropology coursework; (3) complete at least 12 hours of Honors coursework in Anthropology including at least 3 semester hours of ANT 299 Honors Independent Study (Typi-

cally, with the exception noted in item 4, the rest of the required Honors hours will be In-Course Honors work in regular Anthropology courses of the student's choosing; and (4) Honors students may enroll in IDS 395.06 Honors Thesis: Anthropology instead of ANT 382 Anthropology Senior Thesis. Contact the Anthropology Program Coordinator if you have any questions about these requirements.

HONORS IN SOCIOLOGY

The Sociology Department offers honors work for students who are academically talented and majoring in Sociology. To qualify, the student must be in the University Honors program and have a 3.30 overall GPA and a 3.50 GPA in Sociology coursework. In addition, the student must complete 12 hours of honors coursework in Sociology. Contact the departmental advisor for details on these requirements.

Sociology Programs (SOC) 466

Degrees Offered: B.A., B.S

Academic Requirements:

To graduate with a Sociology Major, students must earn a grade of C or better in SOC 106 and in each of the 6 required upper-level courses, SOC 206, 270, 271, 275, 292, and 300.

MAJOR IN SOCIOLOGY

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Ordinarily students will need a minimum of four semesters of college work left to satisfy the sequencing requirements of the six upper level required courses.

- 43 hours required.
- 37 hours in Sociology required: SOC 106, 206, 270, 271, 275, 292, 300, and electives to complete the 37 hours.
- No more than 9 hours of 100-level electives will count in the major and at least 6 hours in Sociology must be at the 300-level (exclusive of 398).
- 6 hours in Anthropology required. No Anthropology course may be counted toward the 37 hours of Sociology required for the major.
- NOTE: One of the following Sociology offerings for General Education may count toward both the major and the General Education program requirements: SOC 108, 111, 112, 223, or 240.

MINOR IN SOCIOLOGY

- 18 hours in Sociology required.
- Required course: SOC 106. No Anthropology course may be counted toward the 18 hours in Sociology required for the minor.

MINOR IN SOCIOLOGY

For Teacher Education:

- 24 hours required.
- Required courses: SOC 106. No Anthropology course may be counted for the 18 hours in Sociology required for the minor. Other suggested course work may include SOC 123, 211, 262, 264.
- 18 hours in Sociology required, and an additional 6 hours in Social Sciences.

The Sociology for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

MINOR IN GERONTOLOGY

Interdisciplinary Minor:

For further information contact the Academic Advisor, Department of Sociology - Anthropology.

- 21 hours required.
- Required courses (9 hours): SOC/SWK 211; PSY 303; FCS/HSC 394.
- Electives (12 hours) approved by the Gerontology Committee. Students without direct work or extensive volunteer experience with older persons will be advised to register for approved Professional Practice (SOC 398.01, 3-6 hours) as a part of the elective requirement. Other electives include but are not limited to: SOC 212, 310, 311; COM 331; FCS 305.

Anthropology Programs (ANT) 464

Degrees Offered: B.A., B.S

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

MAJOR IN ANTHROPOLOGY

- Minimum of 36 hours in Anthropology required.
- Required courses (24 hours):
Introductory courses: ANT 102, 185.
Four-field overview courses: ANT 274, 277, 281, 350.
Capstone courses: ANT 380, 382.
- Electives (12 hours): Four courses to be chosen from each of the four subfields of Anthropology (i.e., at least 1 course from each of the four following groups):
Archaeology: ANT 301, 306, 370, 373, 375, 376, 381, 384, 386, 388, 392.
Biological Anthropology: ANT 306, 371, 372, 378, 387, 393.
Cultural Anthropology: ANT 270, 272, 273, 278, 294, 302, 306, 307, 374, 383.
Linguistic Anthropology: ANT 306, 308, 338, 342, 383.
- Non-required major courses: The following anthropology elective courses may be taken by anthropology majors to fulfill other General Education requirements, but are not necessary for the major: ANT 143, 175, 297, 398.

NOTE:

1. Students will be advised in individual consultation to take a number of supporting courses in cognate disciplines. The program in cognates may emphasize either the social sciences or the natural sciences, reflecting the student's primary interest in biological anthropology, cultural anthropology, archaeology, or linguistics. Cognate courses may count toward the required four subfield electives with consent of the program coordinator or the student's anthropology advisor.
2. All anthropology majors are encouraged to take SOC 275 (Social Statistics) as part of their undergraduate curriculum.
3. No Sociology courses may be counted toward the 36 hours in Anthropology required for the major.
4. Special topics courses which vary from semester to semester (ANT 306; 383) may be used to substitute for one of the four required subfield electives if consent is granted by the program coordinator.
5. All required courses require a grade of C or better.

MINOR IN ANTHROPOLOGY

- 18 hours in Anthropology required.
- Required course: ANT 102, 185.
- At least 9 hours must be at the 200-level or higher.
- **NOTE:** Additional Anthropology electives will be recommended on an individual basis. No Sociology course may be counted toward the 18 hours in Anthropology required for the minor.

MINOR IN ANTHROPOLOGY**For Teacher Education:**

- Requirements are the same as Minor in Anthropology.

The Anthropology for Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area

should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirement.

Sociology Courses (SOC)**106 INTRODUCTION TO SOCIOLOGY****3 sem. hrs.**

Structure and dynamics of human society. Concepts of culture, socialization, stratification, collective behavior, family, minority relations, population, crime.

108 CONTEMPORARY SOCIAL PROBLEMS IN GLOBAL PERSPECTIVE MC-IS**3 sem. hrs.**

Examination of social problems dealing with gender, ethnicity, stratification, and global competition utilizing interdisciplinary, sociological, and global perspectives. May not be taken under the CT/NC option. Not for credit if had SOC 107. Prerequisite: ENG 101 or COM 110 or concurrent registration.

109 INTRODUCTION TO U.S. LATINA/O STUDIES MC-UST**3 sem. hrs.**

An interdisciplinary introduction to the migration, work, and community experiences of U.S. Latino/Latina immigrants and their descendants. May not be taken under the CT/NC option. Formerly 189.15. Prerequisite: ENG 101 or COM 110 or concurrent registration.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST**3 sem. hrs.**

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class. May not be taken under the CT/NC option. Also offered as HIS 111. Prerequisite: ENG 101 or COM 110 or concurrent registration.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST**3 sem. hrs.**

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity. May not be taken under the CT/NC option. Also offered as FCS/HIS 112. Prerequisite: ENG 101 or COM 110 or concurrent registration.

123 HUMAN SEXUALITY**3 sem. hrs.**

Basic psychological, socio-cultural, and physiological elements of human sexuality. Not for credit if had PSY 123. Prerequisite: SOC 106 or PSY 111 or 110 recommended.

175 LIVING IN A TECHNOLOGICAL WORLD MC-IS**3 sem. hrs.**

Interdisciplinary course that analyzes social change through the lens of technology. Also offered as TEC 175. May not be taken under the CT/NC option. Prerequisites: ENG 101 or COM 110 or concurrent registration.

206 SOCIOLOGICAL INQUIRY**3 sem. hrs.**

In-depth introduction to sociological thought and inquiry. Prerequisites: SOC major only. C or better in SOC 106.

211 SOCIAL GERONTOLOGY**3 sem. hrs.**

Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society. Also offered as SWK 211. Prerequisites: SOC 106 or PSY 111 recommended; 45 hours or consent instructor.

212 SOCIOLOGY OF DEATH**3 sem. hrs.**

Complexities of death-related behavior in modern societies; sociological and social-psychological viewpoints; theoretical and pragmatic implications. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 or PSY 111 recommended.

220 GLOBAL SOCIAL CHANGE:**AN INTRODUCTION TO
MACROSOCIOLOGY****OC-SS****3 sem. hrs.**

Global, comparative, historical introduction to patterns of entire societies. May include economy, power, inequality, population, gender, family, and culture.

223 SOCIAL PSYCHOLOGY**OC-SS****3 sem. hrs.**

Scientific study of ways individuals think, feel, and behave in social situations; research methods, attitudes, social cognition, and interpersonal relations. Also offered as PSY 223. Formerly PSY/SOC 131. Prerequisites: COM 101 and ENG 110 or concurrent registration; PSY 110 or 111 or SOC 106.

240 PEOPLE IN PLACES:**UNDERSTANDING AND
DEVELOPING COMMUNITY****OC-SS****3 sem. hrs.**

Analysis of how external forces affect communities and their residents; understanding how people create community; rural-urban differences. Prerequisites: Inner Core; MC-IS category.

255 SOCIOLOGY OF WORK AND OCCUPATIONS**3 sem. hrs.**

Sociological principles applied to the social institution of work. Prerequisites: SOC 106; Completion of 45 hours or consent instructor.

260 SOCIAL STRATIFICATION**3 sem. hrs.**

Theories and character of social class systems, differential class behavior, mobility, power relationships, and caste and estate systems. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 recommended.

262 MARRIAGE AND THE FAMILY**3 sem. hrs.**

Sociological and social psychological examination of the patterned and dynamic aspects of marital and family relationships. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 recommended.

263 DEVIANT BEHAVIOR**3 sem. hrs.**

Causes, societal response and control of deviant behavior. Definition of deviant acts, stigmatization, and the process of reabsorbing deviants. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 recommended.

**264 RACIAL, SOCIAL CLASS, AND
GENDER INEQUALITY****3 sem. hrs.**

Examination of social constructions of race/ethnicity, social class, gender. How categories are transformed into systems of inequality nationally and globally. Formerly *MINORITY RELATIONS*. Prerequisites: 45 hours or consent instructor. SOC 106 recommended.

265 PERSONAL RELATIONSHIPS**3 sem. hrs.**

Introductory course on theory, research, and methods in the study of a variety of social and personal relationships. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 or PSY 110 or PSY 111 recommended.

268 SOCIOLOGY OF RELIGION**3 sem. hrs.**

Functions and origins of religion; impact of religion on individual, society, and culture: social forces affecting religion. Prerequisites: Completion of 45 hours or consent instructor. SOC 106 recommended.

270 HISTORY OF SOCIOLOGICAL THOUGHT**3 sem. hrs.**

Analysis and appraisal of classical works in sociology from mid-19th century to the present. Prerequisites: Grade of C or better in SOC 106 and 206. Major only or consent department advisor.

**271 INTRODUCTION TO SOCIOLOGICAL
RESEARCH****3 sem. hrs.**

Convergence of theory and research; design of inquiry, measurement, survey design, data collection, analysis, and interpretation. Research projects are part of the course. Prerequisites: Grade of C or better in SOC 106 and 206. Major only or consent department advisor.

275 SOCIAL STATISTICS**3 sem. hrs.**

Application and interpretation of basic descriptive and inferential statistics used in behavioral research. Non-parametric and parametric statistics are considered. Prerequisites: MAT 120, 130, 150, or PSY/ECO/GEO/POL 138, or MQM 100. Grade of C or better in SOC 106 and 206. Major only or consent department advisor.

292 CAREERS FOR SOCIOLOGY MAJORS**1 sem. hr.**

Acquaints students with career opportunities and relates Sociology skills learned to those needed in various career situations. Includes instruction on job placement skills. Formerly 289.39. Prerequisites: Grade of C or better in SOC 106 and 206. Major only or consent department advisor.

295 SOCIOLOGY OF CULTURE**3 sem. hrs.**

Analysis of cultural forms such as mass media, art, music theatre, popular culture, fashion, and architecture and their relationships to various social structures. Formerly SOC 289.40.

300 SENIOR EXPERIENCE IN SOCIOLOGY**3 sem. hrs.**

Capstone experience in research and writing on a sociological topic which varies with the specialization of the instructor. Prerequisites: Major only and senior standing. C or better in SOC 106, 206, 270, 271, 275 and 292. Concurrent registration allowed for SOC 270.

302 ANIMALS AND SOCIETY**3 sem. hrs.**

Examines the social relationships between human and non-human animals and the social meanings that condition the lives of particular species. Prerequisites: Completion of 75 semester hours or consent of instructor or graduate student standing.

310 MEDICAL SOCIOLOGY**3 sem. hrs.**

Social distribution and social construction of illness; physician socialization; doctor-patient interaction; alternative medicine; structure of health care systems; biomedical ethics. Formerly SOC 210 *SOCIOLOGY OF HEALTH AND MEDICINE*. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 recommended.

311 ISSUES IN GERONTOLOGY**3 sem. hrs.**

Advanced treatment of selected subjects in gerontology. May be repeated if content differs. Also offered as SWK 311. Prerequisites: SOC 211 or consent instructor; 75 hours or consent instructor.

317 SOCIOLOGY OF SPORT**3 sem. hrs.**

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups, and collective behavior. Also offered as KNR 317. Prerequisite: Completion of 75 hours or consent instructor.

320 GLOBAL DEVELOPMENT AND ECONOMIC CHANGE**3 sem. hrs.**

Survey of debates and theories regarding definitions, means, and consequences of "development" within poor- and middle-income countries; country case studies. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 recommended.

330 SOCIETY AND ENVIRONMENT**3 sem. hrs.**

An examination of the interactions between the social and physical environment and how social structures and individual actions impact the "natural world." Prerequisite: Completion of 75 hours or consent instructor. SOC 106 or 108 recommended.

331 SELF AND SOCIETY**3 sem. hrs.**

Analysis of the micro-level relationships between the individual and society. Topics include social interaction, the self, identity and emotion management. Not for credit if had SOC 332. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 recommended.

333 POLITICAL SOCIOLOGY: POWER, CULTURE AND CHANGE**3 sem. hrs.**

Critical analysis of the institutional mechanisms and social processes through which political power is constructed, distributed, and maintained. Prerequisites: SOC 106 or 108. Completion of 75 credit hours or consent instructor.

338 SOCIAL INTERACTION**3 sem. hrs.**

Conversation Analysis, Ethnomethodology; Organization of social interaction; Sense-making in everyday and institutional settings; Achievement of social identities. Formerly SOC 389.76. Also offered as ANT 338. Prerequisites: 75 credits or consent of instructor.

341 THE SOCIOLOGY OF GENDER**3 sem. hrs.**

Explores the concepts, theories, and methods sociologists utilize to explain differences in the social relations between and among women and men. Individual, interactional, institutional and social change processes are examined. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 or PSY 111 recommended.

342 SOCIOLOGY OF THE BODY**3 sem. hrs.**

Explores the concepts, theories, and methods sociologists utilize to study the body in social life. Special emphasis on non-normative bodies. Prerequisites: SOC 106; 75 hours or consent of instructor.

361 URBAN SOCIOLOGY**3 sem. hrs.**

Urban structure and dynamics stressing human ecological theories, power, and cultural forces affecting architecture and social interaction. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 recommended or consent instructor.

362 POPULATION**3 sem. hrs.**

Dynamics of population size and change, including fertility, mortality, migration, composition, spatial distribution, family, and relation to resources in the United States and the world; application and policy implications. Formerly SOC 267. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 recommended.

365 JUVENILE DELINQUENCY**3 sem. hrs.**

Delinquency as a social and legal problem; theories of delinquency, the juvenile court; prevention and treatment. Prerequisite: 75 hours or consent instructor.

366 CONTEMPORARY SOCIAL MOVEMENTS**3 sem. hrs.**

Theories, methods, and research on social movements in the United States and on transnational social movements, including the women's movement. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 recommended.

367 CRIMINOLOGY**3 sem. hrs.**

Criminological theory and practice. Crime as a social and legal problem. The administration of justice. Prerequisite: Completion of 75 hours or consent instructor.

375 ECONOMIC SOCIOLOGY**3 sem. hrs.**

Study of historical and contemporary economic behavior, institutions, and processes. Examination of production, distribution, consumption, markets, technology, and globalization. Prerequisite: Completion of 75 hours or consent instructor. SOC 106 or 108 recommended.

398.01 PROFESSIONAL PRACTICE: INTERSHIP/COOP IN APPLIED SOCIOLOGY**1-6 sem. hrs.**

Independent experience in applying sociology in a supervised community work setting. Academic requirements include final paper for internship coordinator based on integrative research experience. Maximum 6 hours toward SOC major. Maximum 16 hours of all 398 towards graduation. Prerequisites: Completion of 75 hours or consent instructor. SOC 271 or equivalent recommended.

398.02 PROFESSIONAL PRACTICE: INTERSHIP/COOP IN SOCIOLOGICAL RESEARCH**1-6 sem. hrs.**

Practical experience in the design, implementation, analysis, and reporting of social science research through surveys, secondary data analysis, demographic analysis and program evaluation in a research project. May be repeated; maximum 6 hours toward SOC major; maximum 16 hours of all 398 towards graduation. Prerequisites: SOC 271 and 275 or concurrent registration; completion of 75 hours or consent instructor.

398.03 PROFESSIONAL PRACTICE: INTERSHIP/COMPUTING IN THE SOCIAL SCIENCES**1-6 sem. hrs.**

Introduction to computer applications in social science disciplines. Projects assigned using Web CT format explore the social implications of computer technology in an automated world. Practical experience in maintaining a computer lab facility and tutoring social science students. Maximum 16 hours of all 398 towards graduation. Prerequisites: Completion of 75 hours or consent instructor. SOC 271 or 275 or concurrent registration recommended.

Anthropology Courses (ANT)**102 HUMAN ORIGINS: AN INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY AND ARCHAEOLOGY****OC-SMT****3 sem. hrs.**

Introductory course in biological anthropology, the study of the place of humans in nature, human evolution, and current human biological diversity. Not for credit if had ANT 101 *HUMAN ORIGINS*. Prerequisite: Inner Core.

143 UNITY AND DIVERSITY IN LANGUAGE**OC-SS****3 sem. hrs.**

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities. Also offered as ENG/LAN 143. Prerequisite: Inner Core.

175 CROSS-CULTURAL PERSPECTIVES ON CONTEMPORARY HUMAN PROBLEMS**MC-IS****3 sem. hrs.**

Overview of various contemporary human and global problems from a cross-cultural and anthropological perspective. May not be taken under the CT/NC option. Prerequisite: ENG 101 or COM 110 or concurrent registration.

185 CULTURES OF THE WORLD: AN INTRODUCTION TO CULTURAL AND LINGUISTIC ANTHROPOLOGY**OC-SS****3 sem. hrs.**

A survey of many of the world's societies and traditions, examined from an anthropological perspective. Prerequisite: Inner Core.

270 CROSS-CULTURAL PERSPECTIVES ON WOMEN, SEX ROLES, AND GENDER**3 sem. hrs.**

An examination of the position of women, their inter-relationship with men, the assignment of male and female roles, and the conceptualization of gender ideology in various societies and cultures.

272 NORTH AMERICAN INDIANS**3 sem. hrs.**

Comparative survey of selected historic and modern Native American cultures.

273 FOODWAYS**3 sem. hrs.**

Comparative study of food habits with emphasis on origins and cultural significance. Prerequisite: ANT 102 or 185 recommended.

274 PRINCIPLES OF ARCHAEOLOGY**3 sem. hrs.**

Principles, methods, and techniques of locating and excavating archaeological sites, interpreting archaeological data, and reconstructing past behavior. Prerequisites: ANT 102 or consent instructor.

277 PRINCIPLES OF LANGUAGE AND CULTURE**3 sem. hrs.**

Examination of the social and cultural functions of language, applying anthropological linguistic models to the study of past and present cultures. Prerequisite: ANT 185.

278 INTRODUCTION TO ASIAN AMERICA**3 sem. hrs.**

This course is a survey of the communities, societies, and cultures of people of Asian descent living in America today.

281 PRINCIPLES OF ETHNOLOGY**3 sem. hrs.**

The major aspects of sociocultural systems such as marriage, domestic organization, age grades, secret societies, and religion studied from a cross-cultural perspective using a variety of theoretical frameworks. Prerequisites: ANT 185.

294 JAPANESE SOCIETY AND CULTURE**3 sem. hrs.**

Examination of modern Japanese culture, social structure, and institutions from an anthropological perspective.

301 ARCHAEOLOGICAL ANALYSIS OF PREHISTORIC MATERIALS**3 sem. hrs.**

An advanced course that uses a combination of lectures and laboratory sessions to explore the methods used in the analysis of prehistoric archaeological materials. Formerly *ARCHAEOLOGICAL ANALYSIS*. Prerequisite: ANT 102; and ANT 274 recommended, or consent of instructor.

302 ETHNOGRAPHY**3 sem. hrs.**

Study of the techniques used to describe cultural practices and beliefs. Formerly ANT 285. Prerequisite: Completion of 75 hours or consent of instructor.

306 REGIONAL AND AREA STUDIES**1-9 sem. hrs.**

Intensive study of particular lands, environments, cultures, and peoples. May be repeated if content different. Course topic determines subfield placement. Prerequisite: Consent of instructor.

307 JAPANESE DIASPORAS, CULTURE, AND IDENTITY**3 sem. hrs.**

Advanced-level survey of globalization theories focusing on Japanese descendants living overseas and "returnees" to Japan as migratory workers. Prerequisites: One of the following: ANT 278, 294; HIS 269, 273, 275 or 375; SOC 264, 320.

308 JAPANESE COMMUNICATIVE STRATEGIES**3 sem. hrs.**

This course is designed to analyze Japanese culture and society – both historically and contemporarily – via their language and communication. Prerequisites: One of the following (two recommended): ANT/LAN/ENG 143; ANT 277, 294; ENG 243, 342; HIS 275; LAN (JPN) 112.18; 115.18, 116.18, 231.18.

338 SOCIAL INTERACTION**3 sem. hrs.**

Conversation Analysis, Ethnomethodology; Organization of social interaction; Sense-making in everyday and institutional settings; Achievement of social identities. Formerly SOC 389.76. Also offered as SOC 338. Prerequisites: 75 credits or consent of instructor.

342 SOCIOLINGUISTICS**3 sem. hrs.**

Social significance of language variation: regional, social, ethnic dialects; attitudes towards variation. Multilingual societies, language choice, language shift, language planning. Also offered as ENG 342.

350 PRINCIPLES OF PALEOANTHROPOLOGY**3 sem. hrs.**

Detailed study of human evolution, based primarily on the fossil record, and the processes and scientific principles applicable thereto. Formerly ANT 286 *PALEOANTHROPOLOGY*. Prerequisites: ANT 102 or consent of instructor.

370 ZOOARCHAEOLOGY**3 sem. hrs.**

Foundations of zooarchaeology including identification techniques, analytical methods, and interpretation of animal bone assemblages from archaeological sites. Prerequisites: ANT 274 and completion of 75 hours, or consent of instructor.

371 HUMAN OSTEOLOGY**4 sem. hrs.**

Detailed study of the biology and anatomy of the human skeleton with a focus on identification in forensic and bioarchaeological contexts. Prerequisites: ANT 102; BSC 101 or 196, or consent instructor.

372 HUMAN PALEOPATHOLOGY AND SKELETAL ANALYSIS**3 sem. hrs.**

Analysis of pathologies, physical traits, and measurements on human skeletons to reconstruct community health and life ways of extinct cultures. Prerequisites: ANT 102 or 371, or consent of instructor.

373 ARCHAEOLOGY OF POLITICAL ECONOMY**3 sem. hrs.**

Examination of historical and archaeological methods for reconstructing past political economics. Emphasis on past Latin American political and economic organizations. Prerequisites: ANT 102 or 274 or consent of instructor.

374 INTRODUCTION TO MUSEUM STUDIES**3 sem. hrs.**

Examination of the history, organization, and administration of museums as well as the methods of acquisition, preservation and exhibition of artifacts. Prerequisites: Junior standing and 75 hours or consent instructor.

375 LANDSCAPE ARCHAEOLOGY**3 sem. hrs.**

Archaeological study of regions, including settlement patterns, natural and cultural environments, and ways humans are shaped by places they inhabit. Prerequisites: ANT 274 or consent of instructor.

376 THE ARCHAEOLOGY OF GENDER**3 sem. hrs.**

Exploration of various archaeological approaches to the interpretation of gender in past societies. Prerequisites: ANT 274 or consent of instructor.

378 HUMAN VARIATION AND ADAPTATION**3 sem. hrs.**

Study of human population variation in terms of biological and cultural adaptations to different environments. Offered odd-numbered years. Alternates with ANT 393. Formerly ANT 288. Prerequisite: ANT 102; completion of 45 hours or consent of instructor.

380 KEY CONCEPTS IN ANTHROPOLOGY HISTORY AND THEORY**3 sem. hrs.**

Anthropological thought from historical, systematic and applied viewpoint; emphasis on changing content, concepts, methods of the discipline. Prerequisites: ANT 274, 277, 281, 350, and consent of instructor.

381 ARCHAEOLOGICAL FIELD SCHOOL**1-9 sem. hrs.**

Field instruction in methods and techniques of archaeological survey, excavation, preparation and preservation of materials, and record keeping. Materials charge optional. Prerequisite: Consent instructor. ANT 274 recommended.

382 SENIOR THESIS IN ANTHROPOLOGY**3 sem. hrs.**

Intensive experience in research and writing on an individually selected topic. Prerequisite: ANT 380 and senior standing, or consent of instructor.

383 STUDIES IN SELECTED CULTURES**3 sem. hrs.**

Culture patterns of selected areas. Topics include physical characteristics, history, social, political, intellectual life, and cultural change. May be repeated if content different. Prerequisite: Consent of instructor.

384 NORTH AMERICAN ARCHAEOLOGY**3 sem. hrs.**

Prehistoric cultures of North America, from late Pleistocene to the occupation by Europeans. Development of cultural patterns traced; current problems examined. Formerly ANT 283. Prerequisites: ANT 102 or 274 or consent of instructor.

386 ARCHAEOLOGY THEORY**3 sem. hrs.**

Archeological method and theory from 1800 to the present, emphasizing American archaeology. Formerly *METHOD AND THEORY IN ARCHAEOLOGY*. Prerequisites: ANT 274 or consent of instructor.

**387 ADVANCED TOPICS IN
PHYSICAL ANTHROPOLOGY****3 sem. hrs.**

Intensive examination and analysis of current research questions and controversies in paleoanthropology, primatology, and human adaptation studies. May be repeated if content different. Prerequisites: Completion of one of the following: ANT 350, 371, 372, 378 or 393, or consent instructor.

388 HISTORICAL ARCHAEOLOGY**3 sem. hrs.**

Research methods of historical archaeology reviewed, and the principles that underlie the methods examined critically. Prerequisites: ANT 274 and 75 hours or consent instructor.

**392 ARCHAEOLOGICAL ANALYSIS OF
HISTORIC MATERIALS****3 sem. hrs.**

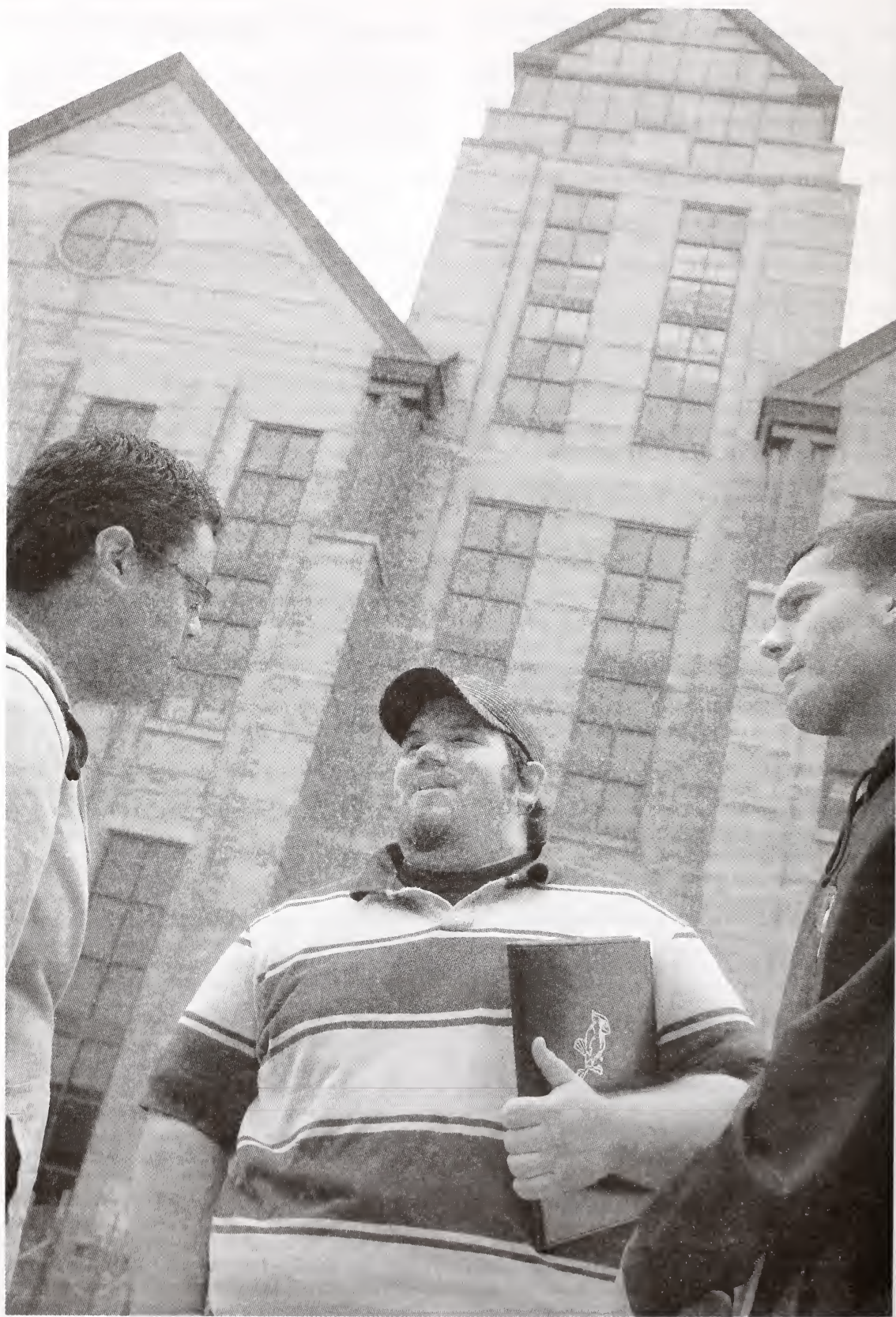
Examination of the identification, meaning, and interpretation of the historic material culture excavated and studied by archaeologists. Formerly *ARCHAEOLOGICAL MATERIAL CULTURE*. Prerequisite: ANT 274 or consent of instructor.

393 PRIMATE STUDIES**3 sem. hrs.**

Concentrated examination of various aspects of the primates: their biology, behavior, evolution, and significance for understanding human nature. Offered even-numbered years. Alternates with ANT 378. Formerly ANT 290. Prerequisite: Completion of 45 hours or consent instructor.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP/CO-OP IN ANTHROPOLOGY****3-6 sem. hrs.**

Supervised field experience in a professional capacity in any Anthropology subdiscipline with appropriate campus, community, state, national, or international agencies, museums, institutes, organizations, or businesses. Maximum 6 hours toward ANT major. Maximum 16 hours all 398 towards graduation. Prerequisites: Junior/senior standing; 75 hours or consent instructor. Consent of Professional Practice Coordinator.



COLLEGE OF BUSINESS

Dean: Scott D. Johnson, 401 College of Business Building.

Web address: IllinoisState.edu/business

College of Business Mission Statement and Core Values:

Mission: The mission of the College of Business is to enhance lives, advance organizations, and strengthen society through our teaching, research and service.

Core Values: We value balanced excellence in the classroom, in research and intellectual contributions, and in service to our institution, our disciplines, and to the local, state, national, and international communities.

College of Business Programs:

The College offers programs leading to the bachelor's degree with majors in Accountancy, Business Administration, Business Information Systems, Business Teacher Education, Finance, Insurance, International Business, Management, and Marketing. Minor programs are also available. All eligible programs in the College of Business are accredited by the AACSB International—the Association to Advance Collegiate Schools of Business.

The College also offers graduate programs leading to the Master of Business Administration, Master of Science in Accountancy and Master of Professional Accountancy. Detailed information concerning these programs may be found in the *Graduate Catalog*.

Departments in the College of Business are: Accounting; Finance, Insurance and Law; Management and Quantitative Methods; and Marketing.

Admission Requirements:

- A. Beginning freshmen must meet Illinois State University admission requirements prior to being considered into a College of Business major. Admission into the College of Business is selective and considers a prospective freshman's high school transcript (grade trends and rigor of courses completed), grade point average, ACT/SAT scores, personal statement, and in some cases letters of recommendation in the decision. Students are strongly encouraged to complete a rigorous high school math sequence as they prepare for admission into a College of Business major.
- B. Transfer students from other universities or colleges and internal transfers (transferring from majors within Illinois State University) are admitted into the College of Business through a competitive and selective process. Transfer students must have met all university admission requirements (transferring from other universities or colleges) or be in academic good standing (transferring from majors within Illinois State University). The College of Business reserves the right to maintain a balanced enrollment; the number of students who continue in the program may vary

from year to year depending on program capacity and the qualifications of students in the pool.

In addition transfer students must meet the following criteria:

1. Students desiring to transfer with fewer than 45 credits completed or in progress when they apply to become a business major are evaluated upon their college coursework, GPA (where an established GPA exists), and College of Business admission criteria for incoming freshmen.
2. Students desiring to transfer with between 45-59 credits completed or in progress when they apply to become a business major are evaluated based upon their college coursework, GPA, and College of Business admission criteria.
3. Students desiring to transfer with 60 credits or more completed or in progress when they apply to become a business major are evaluated based upon their college coursework, GPA, and College of Business admission criteria. The College requires that these transfers, in their first semester at Illinois State, complete BUS 100 with a grade of "C" or better and prove computer competency (spreadsheet usage, presentation software, and web page construction) through completion of one of the following courses or their equivalents:
 - ACC 167 and 168;
 - ACC 166;
 - ITK 150;
 - IAI BUS 902; or
 - By passing College administered competency exams in these areas (ACC 189.67 and ACC 189.68).

Course Equivalent Transfer Policies:

In addition to the general requirements of the University and the College, the following policies apply to transfer students from other academic institutions seeking a business degree:

1. Credit for business and related courses from 2-year institutions may be transferred and applied to the business core but is limited to 100-level (lower-division freshman and sophomore) course placement.
2. Credit for business and related courses from baccalaureate degree granting institutions may be transferred and applied to the business core and to the major if the course for which the credit is being transferred is at the equivalent level of the Illinois State University course, contains the same course content and requires equivalent prerequisites.
3. Each student must successfully complete the college capstone course (MQM 385) and his or her major's designated capstone courses at Illinois State University and must earn at least 50 percent of the business credit hours

required for the degree at Illinois State University. Please contact an academic advisor for information concerning specific majors' capstone courses.

Standards for Progress in the Major:

All students are limited to 24 credit hours of business course work which is strictly enforced by the College through registration restrictions. Business majors may exceed this limit once they have met Standards for Progress (i.e. continuance) as a business major. **Admission to the major does not imply the student will be accepted for continuance once they have completed 60 credit hours.**

The continuance requirements represent *minimum* standards for a student to continue as a business major. The College reserves the right to maintain a balanced enrollment; the number of students who continue in the program may vary from year to year depending on program capacity and the qualifications of students in the pool. Some students who satisfy the minimum standards may not be allowed to continue in a particular business major or program.

Minimum requirements which allow a student to qualify to continue as a business major are as follows:

- 1. Complete, with a grade of C or better, the following tool courses: ACC 131, 132; BUS 100; ECO 105; MQM 100 (or ECO 138, GEO 138, POL 138 or PSY 138); MAT 121 or 145. (NOTE: BTE majors must complete MAT 120 or 121 or 144 or 145.)
- 2. Prove computer competency (spreadsheet usage, presentation software, and Web page construction) through completion of the following: (ACC 167 and 168; ACC 166; ITK 150; IAI BUS 902); or by passing College-administered competency exams in these areas (ACC 189.67 and ACC 189.68).
- 3. Earn an overall Illinois State University GPA of 2.50 or higher on at least 12 completed hours.
- 4. Accountancy and Business Administration majors must earn a minimum B/C grade combination between ACC 131 and 132, including transfer courses.
- 5. Accountancy majors must also earn a minimum B/C grade combination between ACC 230 and 231.
- 6. Business Teacher Education majors must earn a 2.50 cumulative and major GPA for continuance in their major and Admission to Professional Education.

Academic Requirements:

The academic requirements of the University apply to all of the programs in the College of Business. In addition, the following special academic requirements apply to all students in the College of Business:

- 1. Required courses in the major with grades below C will not count toward the graduation requirements of College of Business majors.
- 2. Students must have a 2.00 GPA or higher at Illinois State in order to graduate with a business

degree. Business Teacher Education majors must earn and maintain a 2.50 major and cumulative GPA through graduation.

- 3. Students majoring in business must complete their senior year (30 hours) in residence at Illinois State University. Under unusual circumstances the Dean of the College of Business may grant a modification of this requirement.
- 4. Each student must successfully complete the college capstone course (MQM 385) and his/her major's designated capstone course at Illinois State University, and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University.
- 5. Enrollment in 200-level business courses requires 60 completed semester hours. Enrollment in 300-level business courses requires 75 completed semester hours. This policy is strictly enforced.
- 6. Students who go on probation a second or subsequent time will be dropped from the College of Business.
- 7. The College of Business only allows students to repeat a course once. Students who earn a W grade in either attempt must apply for permission to complete a third enrollment. A student may not enroll for a third time in a COB course if he or she has already received letter grades (A, B, C, D, or F) in two previous attempts.
- 8. Students-at-large and graduate students must apply for permission from the College of Business to register for business courses. Such students will be required to furnish official transcripts to show that prerequisite requirements have been fulfilled. Some courses in the College have restricted and/or limited enrollments and may not be an option. These students, as all non-business majors, are restricted to 24 hours of business course work.

Non-Business Majors:

Non-business majors are limited to no more than 24 credits of business course work.

STRUCTURE OF BUSINESS PROGRAMS:

The Business Core Courses: (44 hours):

100-level (Freshman/Sophomore level)

BUS 100	Enterprise (3 hours)
ACC 131	Financial Accounting (3 hours)
ACC 132	Managerial Accounting (3 hours)
ECO 105	Principles of Economics (4 hours)
ENG 145.13	Language and Composition II: Writing for Business and Government Organizations (3 hours)
FIL 185	Legal, Ethical and Social Environment of Business (3 hours)
MQM 100	Statistical Reasoning (3 hours) or ECO 138, GEO 138, POL 138 or PSY 138 (3 hours)
MAT 121	Applied Calculus (4 hours)

200- and 300-level (Junior/Senior level):

ACC 270	Information Systems In Organizations (3 hours)
FIL 240	Business Finance (3 hours)
MKT 230	Introduction to Marketing Management (3 hours)
MQM 220	Business Organization and Management (3 hours)
MQM 227	Operations Management (3 hours)
MQM 385	Organizational Strategy (3 hours)

1. All business majors are expected to show proficiency in the use of electronic spreadsheets (MS Office Excel), presentation software, and web page construction by course work (ACC 167 and 168, or ACC 166; ITK 150; IAI BUS 902 or equivalent) or by passing College-administered competency exams in these areas.
2. Majors in Business Teacher Education take alternate courses to meet the requirements for MAT 121, MQM 227 and MQM 385 as specified under the program's requirements.
3. Prerequisites for all business courses are strictly enforced and must be successfully completed by the first day of the semester. Please see the course description for individual course prerequisites.

Major Required Courses (21-24 hours):

Most business majors will require an additional 21 or 24 hours of business course work and electives. See individual major programs for an outline of the requirements.

General Education (42 hours):

The following courses meet General Education requirements in addition to major requirements: MQM 100; ECO 138 or GEO 138 or POL 138 or PSY 138 (Middle Core-Quantitative Reasoning); FIL 240, MAT 121 and MQM 227 fulfill the University's Science, Math, and Technology requirement.

University-Wide Electives:

The minimum hours required for graduation are 120. These electives may be business or non-business courses.

Business Course:**BUS****100 ENTERPRISE**

3 sem. hrs.

Theory and practice of private enterprise. Includes purposes, structures, functional areas and related institutions as well as individual career planning and library research skill development. Not for credit if had BTE 100 or BEA 100. Prerequisite: ENG 101 or COM 110 or concurrent registration.

ACCOUNTING (ACC) 552

301 College of Business Building, (309) 438-7651

Web addresses: www.cob.ilstu.edu/accounting

Chairperson: Gerald W. McKean.

Tenured/Tenure-track Faculty:

Professors: C. Craig, T. Craig, Leinicke, Lindberg, Ostrosky, Patten.

Associate Professors: Crampton, Jones, Love, McKean, Nelson, Rich, Schambach, Walstrom.

Assistant Professors: Ames, Guidry, Hauck, Mitchell, Seifert.

General Department Information

The mission of the Department of Accounting is to provide high-quality, student-centered educational programs for students preparing for professional careers in accounting and information systems; to support research and other scholarly activities consistent with these programs; and to perform service activities for the Department, the College of Business, the University, and other organizations consistent with these programs. In addition, our mission includes establishing relationships with outside organizations that support our programs, students, and faculty. Providing introductory and other courses in accounting and information systems to non-major students, as a service to other departments within the College and University, is also fundamental to our mission.

The goals of the Department of Accounting are as follows:

1. Our first priority is to develop student potential through high quality pedagogy and educational experiences.
2. Our second priority is to perform applied, basic, and instructional research that complements our educational programs.
3. Our third priority is to participate in internal and external service activities which complement our educational programs and research activities, and build partnerships with key constituencies.

The curriculum is designed to provide students with the common body of knowledge established by the accounting profession for those entering the profession.

The Department of Accounting offers a 120-hour Bachelor of Science (B.S.) with a major in Accountancy and a 150-hour combined Bachelor of Science and Master of Professional Accountancy (B.S./M.P.A.) degrees. Both programs are described below. The B.S. has four sequences of study: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. The B.S./M.P.A. has two sequences: Accountancy and Information Systems and Professional Accountancy. Each sequence is intended to provide its graduates with the necessary foundation for a successful career, including the ability to pass professional examinations.

Students should select a sequence based upon their interests and career goals. Department advisors and faculty members are available to counsel students as they make this decision.

Courses completed in the Department of Accounting at this University with grades below C will not count toward the graduation requirements of either the Accountancy Major or Minor, but all grades of D, F, and WF in Accounting courses at this University will be included in computing the cumulative GPA.

Honors Program Requirements:

The Department offers honors work in the different departmental programs to majors who have fulfilled the general requirements for participation in the University Honors Program and completed 60 semester hours with a cumulative Illinois State University GPA of 3.30 (A = 4.00) and a 3.50 GPA in Accounting courses. Students interested in the program should see the departmental advisor. Requirements for honors in the Accounting Honors Program are available in the departmental office.

Program Admission Requirements for New and Continuing Students:

All majors in the Department of Accounting must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specific number of hours, to enroll in courses in the Department. Certain courses are restricted to Accountancy majors only.

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Students considering the separate Master of Science in Accountancy degree program should apply to Graduate School early in their senior year. Students who previously have completed a baccalaureate degree outside of Accounting should consider applying directly into the Master of Science in Accountancy program.

Accountancy Programs

MAJOR IN ACCOUNTANCY

Degree Offered: B.S.

After completing the 100-level Business Core courses, the Accountancy major must complete ACC 230 and 231 with a minimum grade of C in each and a 2.50 GPA in all attempts of these two courses. Prerequisites for ACC 230 and 231 require a minimum B/C grade combination of ACC 131 and 132.

In addition, an Accountancy major must complete requirements under one of the following sequences: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. Descriptions of each sequence follow.

Accounting Information Systems Sequence:

This sequence is designed to provide entry-level accountants with information systems and technology skills and competencies as recommended by the International Federation of Accountants (IFAC). This sequence would prepare accountants to be a user of information technology and an evaluator of information systems (e.g., internal or external auditor).

- Students selecting the Accounting Information Systems (AIS) Sequence must complete the following 74 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 363, 370; ECO 105; ENG 145.13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.

Business Information Systems Accounting Sequence:

This sequence is designed to prepare students for entry level accounting positions requiring significant training in Business Information Systems. This preparation is particularly valuable in accounting consulting positions, certain auditing positions, and in many progressive industrial positions.

- Students selecting the Business Information Systems Accounting Sequence must complete the following 74 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 261, 263, 270, (266 and 366) or (260 and 368), 362; ECO 105; ENG 145.13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.

Career Specialty Sequence:

This sequence allows Accountancy majors to design a plan of study that meets their career goals. Students may elect up to 12 hours in another specialized area with advice and approval of academic advisors and Department Chair.

- Students selecting the Career Specialty Sequence must complete the following 62 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145.13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 12 hours of career electives, most hours should consist of upper-division courses in a specialized area of study, typically in business, economics, or areas of information technology offered by Accounting (or, if not offered by Accounting, by other departments). A student's plan of specialized study for the Career Specialty Sequence must be:
 - a) developed in the semester following successful completion of ACC 230 and ACC 231;
 - b) must be approved by the Department Chair;
 - c) cannot include more than 6 hours of Accounting electives; and
 - d) will not include courses already completed before approval of the plan of study.

Financial Accounting Sequence:

This sequence is designed to meet the minimum formal accounting-content requirements for a student to sit for the Certified Public Accountant (CPA) examination. Students in this sequence may also prepare to sit for the Certified Management Accountant (CMA) examination and/or the Certified Internal Auditor (CIA) examination.

- Students selecting the Financial Accounting Sequence must complete the following 71 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145.13; FIL 185, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385; and six hours from the following list of upper-division (200- or 300-level) Accounting electives: ACC 298, 330, 334, 336, 337, 340, 363, 375, 398.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.

**INTEGRATED BACHELOR OF SCIENCE (B.S.)
MASTER OF PROFESSIONAL ACCOUNTANCY
(M.P.A.):**

Degrees offered: B.S., M.P.A.

The integrated B.S./M.P.A. Degrees program is primarily oriented toward preparation for professional careers in accounting. Two sequences are offered: (1) Accountancy and Information Systems, and (2) Professional Accountancy. Both sequences permit graduates to meet minimum education requirements to sit for the Uniform Certified Public Accountant (CPA) Examination in Illinois. The Accountancy and Information Systems sequence permits students to emphasize study of information systems related to accounting and other business fields more than the Professional Accountancy sequence, which permits students to study further in such areas as taxation, auditing, financial accounting, managerial accounting, financial management, and information systems.

The 150-hour B.S./M.P.A. program generally includes 30 hours of graduate course work. Successful completion of the integrated program will culminate by granting simultaneously both B.S. and M.P.A. degrees. The B.S./M.P.A. integrated program is designed for students wishing to complete both degrees at Illinois State University. The program is not designed to admit students who have already completed a bachelor's degree.

Students must successfully apply for continuance in the B.S./M.P.A. program in their junior year (after 60 semester hours). Graduate admission would take place after the student has completed approximately 90 hours. Students will be admitted who meet graduate entrance requirements, which include satisfactory performance on the Graduate Management Admission Test (GMAT), their previous academic performance, and other evidence of their ability to successfully complete the program. Admission timing is very important to successfully complete the program so students should regularly consult with their Accounting undergraduate or graduate advisor.

Core courses: Students selecting either sequence must complete BUS 100, ACC 131, 132, 230, 231, 232,

233, 235, 260, 261, 263, 270, 430, 482, 497; FIL 185, 240, 375; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13, MAT 121 or 145. **NOTE:** MAT 120 is a prerequisite for MAT 121.

Accountancy and Information Systems Sequence:

In addition to core courses, students must complete (a) 9 hours from ACC 368, 468, and 472; (b) 9 hours of Accounting electives, of which 6 hours are chosen from ACC 431, 434, 435, 439, or 498, and 3 additional hours chosen from ACC 330, 334, 336, 337, 340, 431, 434, 435, 439, or 498; and (c) 6 additional hours of Accounting or business electives.

Professional Accountancy Sequence:

In addition to core courses, students must complete (a) 15 hours of Accounting electives, of which 6 hours are chosen from ACC 431, 434, 435, 439, or 498, and 9 additional hours are chosen from ACC 330, 334, 336, 337, 340, 431, 434, 435, 439; (b) 3 hours from FIL 440, ACC 468, 472, or other approved 400-level elective outside of the accounting discipline; and (c) 6 additional hours chosen from either courses listed in (a) of this paragraph or from ACC 375, 398, 468, 472, 498 (of which no more than 3 hours may be ACC 398 or 498).

NOTE: Students in either sequence who wish to enhance their chances of passing the CPA examination should include in their plan of study the following advanced accounting courses: ACC 330, 334, 336, 337.

Requirements for CPA Examination:

Academic requirements to sit for the CPA examination in Illinois include (1) 150 semester hours of college course work, and (2) a baccalaureate or higher degree, including at least 24 semester hours in accounting at the undergraduate and/or graduate level with at least one course each in financial accounting, auditing, taxation, and management accounting and at least 24 semester hours in business courses (other than accounting) at the undergraduate and/or graduate level.

Students planning to sit for the CPA examination are advised to complete, at a minimum, the Financial Accounting Sequence of the Accountancy B.S. program. Students should also give serious consideration to completing one or more of the following formal programs of study before leaving the Illinois State campus to begin their professional careers: The Bachelor of Science/Master of Professional Accountancy Program described above, a Master of Science degree in Accountancy, a Master of Business Administration degree, or one of the other sequences of the Accountancy B.S. (the Accounting Information Systems Sequence, the Business Information Systems Sequence, or the Career Speciality Sequence). Each sequence is 12 hours beyond the Financial Accounting Sequence. Additional information concerning the 150-hour requirement, including recommended areas of course work for students not pursuing an B.S./M.P.A., M.S., or M.B.A. degree, is available from the academic advisors.

MINOR IN ACCOUNTANCY

- 21 hours in Accounting required.
- Required courses: ACC 131, 132, 231, 232.
- 9 elective hours in Accounting courses approved by a departmental advisor.
- These courses must be completed with a grade of C or better. A minimum B/C combination is required between ACC 131 and ACC 132 to continue with the Accountancy minor.

Repetition of Courses in Accounting:

The College of Business only allows students to repeat a course once. Students who earn a "W" grade in either attempt must apply for permission to complete a third enrollment.

MAJOR IN BUSINESS INFORMATION SYSTEMS

Degree Offered: B.S.

- 68 required hours including 44 hours in required core and non-business courses and 24 hours of major course work.
- 44 hours required: ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Business Information Systems required courses (18 hours): ACC 260, 261, 266, 362, 366, 368; and six hours from the following list of 200- or 300-level Accounting electives: ACC 255, 263, 287 (or 299), 363, 370.

NOTE: Program admission, graduation requirements and program admission standards for the Business Information Systems degree are the same as those that apply to all students in the College of Business. See College of Business section of this Undergraduate Catalog.

Accounting Courses**131 FINANCIAL ACCOUNTING**

3 sem. hrs.

Introduction to financial accounting. Examines the nature of accounting, basic accounting concepts, financial statements, accrual basis of accounting, the accounting cycle, monetary assets, inventories, fixed assets, current and noncurrent liabilities, and owner's equity. Prerequisite: Completion of 12 hours.

132 MANAGERIAL ACCOUNTING

3 sem. hrs.

Introduction to managerial accounting. Examines the nature of cost-volume-profit analysis and product costing; investigates budgets and standard costs in planning, control and performance measurements; and employs relevant costs and present value techniques in decision making. Prerequisite: ACC 131.

166 BUSINESS INFORMATION SYSTEMS

3 sem. hrs.

Introduction to Business Information Systems concepts and microcomputer software tools designed to improve management productivity. Materials charge optional. Prerequisite: Business major or Health Information Management major.

167 ELECTRONIC SPREADSHEET USAGE

1 sem. hr.

Introduces the electronic spreadsheet for use as a tool to improve management productivity. Lecture and lab. CR/NC only.

168 INTERNET AND PRESENTATION TOOLS

1 sem. hr.

Introduces intermediate Web browsing and E-mail techniques, skills on using a Web page editor, and using a presentation software package like PowerPoint. Lecture and lab. CR/NC only.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL

3 sem. hrs.

Development of advanced skills in widely used application software. Introduces topics related to the role of technology in education and training. Materials charge optional. Also offered as BTE 225. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

230 COST AND MANAGEMENT ACCOUNTING

3 sem. hrs.

Study of managerial accounting concepts in planning, control and decision making. Emphasis on product costing methods, cost drivers, cost-volume-profit analysis, budgets, standard costs, just-in-time implications, relevant costs and capital budgeting decisions. Prerequisites: ACC 132 and MAT 121; minimum grade of B/C combination between ACC 131 and 132; B or better in ACC 131 and 132 recommended.

231 INTERMEDIATE ACCOUNTING I

3 sem. hrs.

The study of financial accounting theory and practice relating to monetary assets, inventories, plant assets, intangible assets, current liabilities, contingencies, and stockholders' equity. Present value applications, and preparation of financial statements are examined. The following topics are also overviewed: the environment of financial accounting, the development of accounting standards, and the conceptual framework underlying financial accounting. Prerequisites: ACC 132; minimum grade of B/C combination between ACC 131 and 132; B or better in ACC 131 and 132 strongly recommended.

232 INTERMEDIATE ACCOUNTING II

3 sem. hrs.

The study of financial accounting theory and practice relating to the following topics: long-term liabilities, dilutive securities, earnings per share, investments, revenue recognition, accounting for income taxes, pension costs, leases, accounting changes, errors, and the preparation of cash flow statements. Prerequisite: Grade of C or better in ACC 231.

233 FEDERAL INCOME TAXATION

3 sem. hrs.

Study of the basic concepts of federal income taxation as they apply to individuals, partnerships, and corporations. Prerequisites: ACC 131 with grade of C or better or consent department chair.

235 AUDITING**3 sem. hrs.**

The CPA profession, including professional ethics and legal liability; professional auditing standards; evidence; internal control; audit programs and procedures; audit reporting; introduction to operational auditing. Prerequisites: ACC major only; minimum grade of B/C combination in ACC 230 and 231; C or higher in ACC 231.

255 ELECTRONIC BUSINESS MANAGEMENT**3 sem. hrs.**

Principles of managing the linkage between organizational strategy and enterprise information technologies, including e-commerce architecture, development and strategy. Prerequisites: MS Office Competency or ACC 167 and 168 or equivalent.

260 COMPUTER PROGRAMMING FOR BUSINESS**3 sem. hrs.**

An introduction to the design and development of computer programs for business application. Emphasis is placed on learning program structure and syntax of a business computer language. Developing applications with a Graphical User Interface (GUI) will be introduced. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

261 BUSINESS SYSTEMS ANALYSIS**3 sem. hrs.**

An introduction to the analysis and design of modern information systems. Systems Development Life Cycle (SDLC) and structured methodologies are emphasized. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent; ACC 132 with grade of C or better.

263 ACCOUNTING INFORMATION SYSTEMS**3 sem. hrs.**

Examine the development, implementation, and control of systems used in business and accounting processes. Current technologies used in actual business situations are emphasized. Address the impact these technologies have on the accounting profession. Materials charge optional. Prerequisites: Accounting major only. MS Office competency or ACC 167 and 168 or equivalent. ACC 132 with grade of C or better.

266 COBOL**3 sem. hrs.**

The study of using the COBOL programming language for the purpose of solving business information requests. Emphasizes structured programming concepts, file processing, report creation, data validation and table handling. Not for credit if had ITK 272. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

270 INFORMATION SYSTEMS IN ORGANIZATIONS**3 sem. hrs.**

Management-oriented course covering concepts of business information systems and integration of business information systems with functional areas of organizations. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent; ACC 132; ECO 105 (or ECO 101 and ECO 102); MQM 100; MAT 120; ACC 132 or concurrent registration.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN ACCOUNTING**1-6 sem. hrs.**

Prerequisites: Junior standing. See internship Director for information and consent.

330 ACCOUNTING FOR NON-PROFIT ENTITIES**3 sem. hrs.**

Examination of accounting and financial reporting principles for nonprofit entities including state and local governmental units, colleges, hospitals, and other nonprofit organizations. Prerequisites: ACC major only; minimum grade of B/C combination in ACC 230 and 231; C or higher in ACC 231.

334 ADVANCED TAX**3 sem. hrs.**

Study of concepts and issues associated with corporate, partnership, estate and gift taxation. Overview of tax research techniques also provided. Prerequisite: ACC 233 or consent department chair.

336 ADVANCED AUDITING**3 sem. hrs.**

In-depth analysis of selected advanced topics in auditing, including professional auditing standards, planning, evidence, internal control, statistical sampling, EDP auditing, reporting, integrative audit case, operational auditing. Prerequisites: ACC major only; minimum grade of B/C combination in ACC 230 and 231; ACC 235.

337 ADVANCED FINANCIAL ACCOUNTING**3 sem. hrs.**

Specific emphasis on business combinations and consolidated financial statements. Other topics include partnership accounting, international operations, branch accounting, segment reporting and interim statements. Prerequisites: ACC major only; minimum grade of B/C combination in ACC 230 and 231; ACC 232.

340 INTERNATIONAL ACCOUNTING**3 sem. hrs.**

Examines (1) similarities and differences of accounting principles and procedures between the United States and other countries and efforts at standardizing accounting internationally, and (2) accounting for multinational entities, including consolidation of foreign subsidiaries, evaluation of investment projects, and performance evaluation of foreign operations. Prerequisites: ACC 132 with grade of C or better.

362 ADVANCED BUSINESS SYSTEMS ANALYSIS**3 sem. hrs.**

The analysis, design, development, and implementation of a complete business information system. Directed project approach with formal presentations at the conclusion of each project phase. Prerequisites: ACC 261 and 368; ACC 366 or concurrent registration.

363 ADVANCED ACCOUNTING INFORMATION SYSTEMS**3 sem. hrs.**

A study of advanced systems concepts as they relate to the accounting profession. Selected topics may include the design, implementation and control of e-businesses, internal control design and evaluation, and behavioral implications of human-computer interaction. Prerequisites: ACC 260 with a grade of C or better and 263.

366 ADVANCED BUSINESS DATA MANAGEMENT
3 sem. hrs.

Advanced study in the development of computer storage techniques required for business information systems. Techniques are developed for both enterprise and desktop applications. Formerly *ADVANCED BUSINESS DATA PROCESSING*. Prerequisites: ACC 260 and 261.

368 DEVELOPING BUSINESS APPLICATION SYSTEMS
3 sem. hrs.

Advanced study in the development of computer programs for business work-group and individual employee information systems. Students will design and develop a comprehensive application appropriate for a functional area of business using the approaches and tools of a consultant. Not for credit if had ITK 306. Formerly *DEVELOPING BUSINESS FUNCTION-BASED SYSTEMS*. Prerequisites: ACC 260 and 261 or concurrent registration in 261.

370 MANAGEMENT INFORMATION SYSTEMS
3 sem. hrs.

Management Information systems with emphasis on the responsibilities of management in the creation, control, and utilization of information systems which support managerial decision making. Prerequisites: ACC 261; FIL 240; MQM 220; and MKT 230; ACC 366 or concurrent registration.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ACCOUNTING
1-6 sem. hrs.

On-the-job professional accounting or BIS experience with a sponsoring commercial firm or government organization. Prerequisites: Senior standing; 2.80 GPA in ACC courses; 2.80 overall GPA and consent Internship Director.

FINANCE, INSURANCE AND LAW (FIL) 548

434 College of Business Building,
Phone: (309) 438-8777; Fax: (309) 438-3579
Web address: www.cob.ilstu.edu/finance_ins_law

Chairperson: Gary Koppenhaver.

Tenured/Tenure-track Faculty:

Professors: Chang, Flanigan, Howe, Kang, Koppenhaver, MacMinn, McGuire, Naidu, Norton, Solberg, Trefzger, C. Varner.

Associate Professors: Ahlgrim, Bouriaux, Joaquin, Ma.

Assistant Professors: Bauer, Miles, Pope, Ren, Varma, K. Varner.

General Department Information

The Finance Major provides a knowledge base and skills appropriate for a wide variety of functional and managerial activities that require financial expertise. The financial world touches most organizations, profit or non-profit, which have activities involving banking, insurance, real estate, investments, managerial finance, budgeting, and international finance.

The Insurance Major provides skills and knowledge appropriate to a wide range of activities in the insurance and the financial services industries. Study of insurance and the financial service industries leads to careers in insurance companies, insurance agencies, financial services firms, reinsurers, regulation and a wide variety of firms allied with the industry. Careers in insurance include personal and business financial planning, underwriting, sales, sales management, employee benefits specialist, and insurer corporate operations and management. The Insurance Major-Business Information Systems (BIS) Sequence is particularly appropriate for students preparing for careers in information systems within the insurance industry.

Academic Requirements:

All majors in the Department of Finance, Insurance and Law must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Departmental Honors Program Requirements:

- Maintain a 3.30 overall Illinois State University GPA or 3.60 GPA in last 60 hours at Illinois State University;
- Maintain a 3.50 major GPA;
- Complete 9 hours of approved FIL honors course work;
- Complete either FIL 370, Educational Investment Fund or FIL 299, Honors Independent Study;
- Fulfill the general requirements for participation in the University Honors Program.

Finance Program

Degree Offered: B.S.

MAJOR IN FINANCE**General Finance Sequence:**

- 68 required hours including:
- Required courses (56 hours): BUS 100; ACC 131, 132, 270; FIL 185, 240, 241, 242, 341, 349; MKT 230; MQM 100 (or ECO 138), 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.
- Elective courses (12 hours) selected from: FIL 246, 250, 260, 318, 340, 343, 344, 347, 353, 360, 370, 381, 398; ACC 231; ECO 239; or appropriate courses approved by the Departmental advisor.
- **NOTE:** Advising concentrations have been established to direct studies toward career specializations for Finance majors. Students are strongly urged to contact the departmental advisor for details.

MINOR IN FINANCIAL PLANNING

- 18 hours required in Finance, Insurance and Law, Accounting, and Marketing classes. For non-business

majors the required hours, including prerequisites, totals 28 hours (24 hours of business, 4 hours of economics).

- Required courses: FIL 242 (prerequisites: FIL 240; ACC 131, 132; ECO 105; MQM 100 [or ECO 138]) or FIL 220 (prerequisites: ACC 131; ECO 105); ACC 233 (ACC 131 with grade of C or higher); FIL 250 (junior standing required); FIL 342, 345; MKT 234 (prerequisites: MKT 230; ECO 105).
- NOTE: Non-business majors are restricted to no more than 24 hours of business instruction.
- NOTE: No more than 9 hours from major program of study may be applied to minor.

MAJOR IN INSURANCE

General Insurance Sequence:

- 68 required hours including:
- Required courses (59 hours): BUS 100; ACC 131, 132, 270; FIL 185, 240, 250, 350, 352, 354, 355; MKT 230; MQM 100 (or ECO 138), 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.
- 9 hours of electives chosen from: FIL 242, 351, 353, 382, 398.10 or appropriate courses approved by the Departmental advisor.
- NOTE: FIL 398.10 is strongly recommended in addition to required courses.

Insurance-Business Information Systems (BIS) Sequence:

- 68 required hours, including:
- Required courses (68 hours) including: BUS 100; ACC 131, 132, 261, 270, 362, (266 and 366) or (260 and 368); FIL 185, 240, 250, 350, 352, 354; MKT 230; MQM 100 (or ECO 138), 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.

MINOR IN INSURANCE

- 18 hours required in Finance Insurance and Law courses.
- Required courses: FIL 185, 240, 250, and three of the following courses: FIL 350, 351, 352, 353, 354, 355, 382.
- NOTE: FIL 398.10 is strongly recommended in addition to required courses.
- NOTE: Non-Business majors are restricted to no more than 24 hours of business instruction.

Finance, Insurance and Law Courses

185 LEGAL, ETHICAL AND SOCIAL ENVIRONMENT OF BUSINESS

3 sem. hrs.

Emphasis on business ethics and corporate social responsibilities. Areas of concentration include contracts, torts, agency and business associations, government regulation of business, securities, labor, and employment law. Formerly FIL 208, *LEGAL ENVIRONMENT OF BUSINESS*. Not for credit if had FIL 208. Prerequisites: Sophomore standing. ECO 105 or 103.

198.01 PROFESSIONAL PRACTICE: FINANCE/INSURANCE INTERNSHIP

1-6 sem. hrs.

On-the-job experience in finance or insurance arranged through the Department coordinator and completed under the supervision of a finance or insurance professional. Prerequisite: Consent department chair.

220 PERSONAL INVESTING

3 sem. hrs.

Provides understanding of securities traded in financial markets, investment theory and practice, portfolio construction and management, and investment strategies. Not for credit if had FIL 242. Not for graduation credit FIL majors. Prerequisites: ACC 131; ECO 105; Junior standing or consent of department chair.

240 BUSINESS FINANCE

3 sem. hrs.

Principles and problems of planning and managing assets of business. Formulation, acquisition and utilization of funds and capital structure examined. Prerequisites: Junior standing; MQM 100 (or ECO/GEO/POL/PSY 138); ACC 132; ECO 105.

241 FINANCIAL MARKETS

3 sem. hrs.

Participants, structure and functions of the major domestic and international financial markets. Formerly FIL 218. Prerequisites: FIL 240 with grade of C or better. Business major only.

242 INVESTMENTS

3 sem. hrs.

A survey of investment media, concepts, and techniques to provide an understanding of the investment process in the economic and financial environment. Prerequisites: FIL 240 with a grade of C or better. Business major only.

246 CORPORATE FINANCIAL STATEMENT ANALYSIS

3 sem. hrs.

Financial statement analysis and interpretation from the managers', investors', and creditors' perspectives. Proforma statements, heavy emphasis on spreadsheet use. Prerequisites: FIL 240 with a grade of C or better. Business major only.

250 INTRODUCTION TO RISK AND INSURANCE

3 sem. hrs.

Fundamental issues of risk management and insurance in property, liability, life and health areas. Principles of marketing, underwriting, rate making and loss adjusting. Prerequisite: Junior standing.

260 REAL ESTATE PRINCIPLES

3 sem. hrs.

Principles of real estate, including legal aspects of real estate, appraisal, investment, mortgage financing, home-ownership, and brokerage industry functions. Prerequisites: Junior standing; FIL 240 with a grade of C or better. Business major only.

298 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP/COOPERATIVE EDUCATION

1-6 sem. hrs.

Directed projects or experience related to the student's career interests in finance, arranged through the department coordinator and completed under the supervision of a business professional. Prerequisites: Junior standing and consent department chair.

298.10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP/COOPERATIVE EDUCATION

1-6 sem. hrs.

On-the-job experience in insurance arranged through the Department coordinator and completed under the supervision of an insurance professional. Prerequisites: Junior standing and consent department chair.

311 GOVERNMENT REGULATIONS OF BUSINESS

3 sem. hrs.

Analysis of government legal and regulatory activity as it applies to business. Prerequisites: FIL 185 with a grade of C or better. Business major only.

312 INTERNATIONAL BUSINESS LAW

3 sem. hrs.

Case study international business law. Jurisdiction and application of foreign law, international regulation of economic activities, and issues of comparative law. Prerequisites: FIL 185 with a grade of C or better. Business major only.

318 MANAGEMENT OF FINANCIAL INSTITUTIONS

3 sem. hrs.

Financial institutions as business firms, with emphasis on depository institutions: industry structure, regulation, asset and liability management strategies. Prerequisites: FIL 240 and 218 or 241 with a grade of C or better. Business major only.

340 SHORT-TERM FINANCIAL MANAGEMENT

3 sem. hrs.

Analysis of working capital management; cash budgeting; financial analysis and planning; short-term financing decisions. Prerequisites: FIL 240 with a grade of C or better; FIL 218 or 241 or concurrent registration. Business major only.

341 INTERMEDIATE BUSINESS FINANCE

3 sem. hrs.

Theory and practice of capital management. Topics include evaluation of risks, determination of capital structures, measures of costs and returns, allocation of capital, financial planning and models, and a survey of working capital issues. Prerequisites: FIL 240 with a grade of C or better; FIL 218 or 241 or concurrent registration. Business major only.

342 ESTATE PLANNING

3 sem. hrs.

Describes process of developing an estate plan. Topics include federal estate/gift taxes, wills, probate, trusts from a financial planning perspective. Prerequisites: FIL 220 or 242, FIL 250, and ACC 233.

343 SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

3 sem. hrs.

Characteristics of financial assets and markets; evaluation of securities; selecting and combining securities into portfolios; portfolio models and measurement of portfolio performance. Prerequisites: FIL 242 with a grade of C or better. Business major only.

344 INTERNATIONAL FINANCIAL MANAGEMENT

3 sem. hrs.

Financial management of multinational corporations, including balance of payments, foreign exchange markets and international money and capital markets. Prerequisites: FIL 240 with a grade of C or better. Business major only.

345 RETIREMENT PLANNING AND EMPLOYEE BENEFITS

3 sem. hrs.

Topic includes retirement savings need analysis, qualified and non-qualified plan design, Social Security, group life, health, and disability insurance. Prerequisites: FIL 220 or 242, FIL 250.

347 FINANCIAL FUTURES, OPTIONS AND SWAPS

3 sem. hrs.

Evaluate financial futures, options and swap instruments and market characteristics; analyze pricing models, hedging and trading strategies, portfolio insurance; trading techniques. Prerequisites: FIL 242 with a grade of C or better or consent department chair. Business major only.

349 ADVANCED FINANCIAL THEORY AND PROBLEMS

3 sem. hrs.

An advanced coverage of financial theory and its applications to cases and problems; modeling and simulation. Not for graduate credit for MBA students. Prerequisites: FIL 341 with a grade of C or better and additional 6 hours Finance. Finance major only.

350 PROPERTY INSURANCE

3 sem. hrs.

Identify and measure property direct and indirect loss exposures and insurance coverages used to transfer such exposures. Prerequisite: FIL 250 with a grade of C or better.

351 LIFE AND HEALTH INSURANCE

3 sem. hrs.

Personal and business risks. Principles of life and health insurance and their applications. Prerequisite: FIL 250 with a grade of C or better.

352 LIABILITY INSURANCE

3 sem. hrs.

Identify and measure liability loss exposures and insurance coverages used to transfer such exposures, including concepts of negligence and liability. Prerequisite: FIL 250 with a grade of C or better.

353 FINANCIAL PLANNING

3 sem. hrs.

Principles and concepts of integrated financial planning, including legal, tax and financial aspects, business planning, retirement planning, estate planning and the use of information technology. Prerequisites: FIL 185 or 208, 240 and 250 with a grade of C or better. Business major only.

354 RISK MANAGEMENT

3 sem. hrs.

Management's role in treating non-speculative risks to which business is exposed. Emphasis on recognition, evaluation, and treatment of risks. Prerequisites: FIL 350 and 352 with a grade of C or better.

355 INSURANCE COMPANY OPERATIONS

3 sem. hrs.

Insurance company operations include underwriting claims handling, ratemaking, reinsurance, investments, and loss control. The course focuses on these company functions. Formerly 382.02. Prerequisite: FIL 250.

360 REAL ESTATE INVESTMENT AND FINANCE**3 sem. hrs.**

Decision-making analysis in real estate investment and financing. Emphasis on financial leverage, cash-flow analysis, taxation, risk, mortgages. Prerequisites: FIL 260 with a grade of C or better. Business major only.

361 REAL ESTATE LAW**3 sem. hrs.**

A study of the law related to fixtures, the ownership and transfer of real property, and landlord/tenant relations. Not for credit if had FIL 380.03 *SEMINAR IN REAL ESTATE LAW*. Prerequisites: FIL 185; FIL 260 or concurrent registration. Business major only.

370 EDUCATIONAL INVESTMENT FUND**4 sem. hrs.**

Management of real-money investment funds. Application of investment theory to an actual portfolio, including development and presentation of recommendations to board of investment professionals. Prerequisites: FIL 242 and consent department chair.

375 LAW FOR ACCOUNTANTS**3 sem. hrs.**

Accountants' legal responsibilities, anti-trust, bankruptcy, federal securities regulation, insurance, regulation of employer and employee relationships, secured transactions, suretyship, and other topics for the professional accountant. Prerequisites: 24 hours of ACC; FIL 185 or 208 with a grade of C or better.

380 SEMINAR IN THE LEGAL ENVIRONMENT OF BUSINESS**3 sem. hrs.**

Selected topics in law and its relationship to business. Topics may include new developments in public and private law as it relates to business persons. May repeat with consent department chair. Prerequisite: Consent department chair.

381 SEMINAR IN FINANCE**1-4 sem. hrs.**

Selected topics in finance. Topics may include new developments in the field as they relate to business people and industry. May repeat with consent department chair. Prerequisite: Consent department chair.

382 SEMINAR IN INSURANCE**1-4 sem. hrs.**

Selected topics in Insurance. Topics may include new developments in the field as they relate to business, industry, and consumer. Prerequisites: Consent department chair. May repeat with consent department chair.

398 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP**1-12 sem. hrs.**

Directed projects or administrative experience related to the student's career interests, arranged through the department coordinator and completed under the supervision of a business professional. Usually no more than 3 hours credit awarded for 1-semester work assignment. Prerequisites: Senior standing; 3.00 overall GPA or consent department chair.

398.10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP**1-12 sem. hrs.**

On-the-job experience in insurance arranged through the department coordinator and completed under the supervision of an insurance professional. Prerequisites: FIL 250; 3.00 overall GPA or consent department chair.

MANAGEMENT AND QUANTITATIVE METHODS (MQM) 558

College of Business Building 250, (309) 438-5701

Web address: www.cob.ilstu.edu/mqm/**Chairperson:** Jim Jawahar.**Tenured/Tenure-track Faculty:**

Professors: Balasubramaniam, Choudhury, Devinat, Downes, Dumler, Fazel-Sarjui, Hemmasi, Jawahar, Radhakrishnan, Salegna.

Associate Professors: Bantham, Fitzgibbons, Hoelscher, Noel, Ringer, Russ.

Assistant Professors: Bull, Erskine, Foreman, Goodman, Lahiri, Sheep.

General Department Information

Management and Quantitative Methods (MQM) houses three broad majors: Management, Business Administration, and International Business. These majors prepare students for professional management careers in business, industry, and government. Three sequences in the Management major allow students to concentrate on skills needed by general managers (Organizational Leadership), specialists in personnel and human resources (Human Resource Management), or by those interested in careers in or starting their own small business (Entrepreneurship and Small Business Management).

Academic Requirements:

All majors in the Department of Management and Quantitative Methods must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including a specified number of hours, to enroll in courses in the Department.

Management and Quantitative Methods Programs

Degree Offered: B.S.

MAJOR IN MANAGEMENT

- 65 required hours including 44 hours in required core and non-business courses and 21 hours in a required MQM major sequence.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270;

FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.

- At least 24 of the required hours at the 200- and 300-level must be taken in residence at Illinois State University.
- The senior year's work must be taken in residence at Illinois State University.

One of the following major sequences must be completed.

Entrepreneurship and Small Business Management Sequence:

- Required sequence courses (15 hours): MQM 221, 223, 224, 226, 326.
- Elective sequence courses (6 hours): INB 190; either MQM 322 or 323, 335, 340, or either MQM 287 or 398.
- **NOTE:** Only one of MQM 287 or 398 will count towards major.
- **NOTE:** Only one of MQM 322 or 323 will count towards major.

Human Resource Management Sequence:

- Required courses (15 hours): MQM 221, 323, 324, 352, 354.
- 6 additional hours selected from MQM 350 or INB 245 or 398; MQM 340, 355, 356, 357, 383, or related course with consent of Department Chairperson. Example of related 3-hour courses include: ECO 225, 326, 327; FIL 313; PSY 375 and SOC 255.
- **NOTE:** Only one of INB 245 or MQM 398.01 will count towards major.

Organizational Leadership Sequence:

- Required courses (15 hours): MQM 221, 380, 382, 383, and either 384 or 386.
- 6 hours selected from: MQM 215, 223, 323, 335, 340, 384, 386, 398; MQM 350 or INB 245 or MQM 398.
- **NOTE:** Only one of INB 245 or MQM 287 or 398 will count toward major.

MINOR IN ORGANIZATIONAL LEADERSHIP

- 19 hours in required courses.
- Required courses: ECO 105; MQM 220, 221, 380, 382, and one of the following: MQM 340, 383, 384 or 386.
- **NOTE:** The Minor in Organizational Leadership is not available to majors outside the College of Business.

Business Administration Program

Degree Offered: B.S.

MAJOR IN BUSINESS ADMINISTRATION

- 68 required hours including 44 hours in required core and non-business courses and 24 hours of major course work.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270;

FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.

- In addition to business core courses, the Business Administration major must select 24 hours of major course work from the options below:
- Required courses (18 hours): ACC 230, 255; FIL 242; MKT 232; MQM 221, 335.
- 3 additional hours from: ACC 340; FIL 312, 344; MKT 350 or MQM 349, 350.
- 3 additional hours (one course) at the 300-level within the College of Business.

MINOR IN BUSINESS ADMINISTRATION

- Required courses: MAT 120 or 121 or 144 or 145; ACC 131 132; ECO 105; FIL 185, 240; MKT 230; MQM 100 (or ECO/GEO/POL/PSY 138); MQM 220.
- **NOTE:** The Business Administration Minor is not available to majors in the College of Business.

DEPARTMENTAL HONORS IN MANAGEMENT AND QUANTITATIVE METHODS

Requirements for Admission:

The student must:

1. Be a fulltime student at Illinois State University;
2. Be a declared major in Management and Quantitative Methods;
3. Have a minimum cumulative GPA of 3.30 and at least 3.50 in his or her major (on a 4.00 scale);
4. Complete an interview with the Management and Quantitative Methods Departmental Honors Program Coordinator;
5. Apply and be accepted into the University Honors Program and submit an application for Departmental Honors to the Management and Quantitative Methods Program Coordinator.

Requirements for Successful Completion of the Program:

1. Completion of all requirements for the major in MQM.
2. Minimum overall GPA of 3.30 at graduation with at least 3.50 GPA in the MQM major.
3. Completion of 12 semester hours of Honors work in the MQM major, including:
 - a. 3 semester hours of MQM 220 (Honors section);
 - b. 6 semester hours of either in-course Honors in any 200- or 300-level MQM course or Honors Undergraduate Research Participation (IDS 285 or 286);
 - 1). **In-Course Honors:** The student may obtain an In-Course Honors contract in the Honors Office. A proposition to modify normal course requirements such that the proposed changes will permit demonstration of exceptional achievement shall be recorded on the In-Course Honors contract by the student and the professor. The proposal must be agreed to by the professor and returned to the Honors Office within the first 10 days of class.

2). **Undergraduate Research Participation:** Students may earn 1-3 hours of Honors credit by working with a Management and Quantitative Methods professor on a faculty research project. Possible projects are listed in a URP notebook in the Honors Office as well as on the bulletin board just inside the Honors Office front door. Students may also approach a professor about working on a project for URP credit.

c. 3 semester hours of Honors Independent Study in MQM (MQM 299).

Benefits of Departmental Honors:

Students who complete the program will have Departmental Honors designation placed on both their transcript and diploma. Students in the MQM Departmental Honors Program are eligible for Honors early registration and special advisement opportunities in the MQM department.

For more information about joining the Honors Program, please make an appointment with an Honors advisor by calling (309) 438-2559.

Management and Quantitative Methods Courses

100 STATISTICAL REASONING MC-QR 3 sem. hrs.

Application of statistical concepts to decision problems confronting organizations and individuals. Includes descriptive tools, probability concepts, sampling processes, statistical inference, regression, and nonparametric procedures. Includes computer applications. Not for credit if had ECO 131, ECO/GEO/POL/PSY 138. May not be taken under the CT/NC option. Prerequisites: MAT 111, 120, 121, 144 or 145.

220 BUSINESS ORGANIZATION AND MANAGEMENT 3 sem. hrs.

Organization theories and the role of managers as leaders. Planning and control systems, decision-making, and human considerations. Prerequisites: ECO 101 or 103 or 105; Junior standing.

221 ORGANIZATIONAL BEHAVIOR AND ADMINISTRATION 3 sem. hrs.

Organization analysis focusing on motivation, perception, communication, coordination, and change. Administrative problems examined by theories of individual and group behavior. Not for credit if had PSY 376. Prerequisite: MQM 220 with a grade of C or better.

223 INTRODUCTION TO SMALL BUSINESS 3 sem. hrs.

A study of small businesses and owner management. Includes basic knowledge necessary to successfully start up, run, and grow a small business. Not for credit if had MQM 225. Prerequisite: MQM 220 with a grade of C or better.

224 ENTREPRENEURSHIP I 3 sem. hrs.

A study of new venture creation. This course teaches idea generation, idea analysis, breakeven analysis, and the development of a feasibility study. Not for credit if had MQM 225. Prerequisite: MQM 220 with a grade of C or better.

226 ENTREPRENEURSHIP II 3 sem. hrs.

Assessment of new venture opportunities culminating in the detailed development of all elements of a professionally written business plan. Formerly *SMALL BUSINESS ENTREPRENEURSHIP*. Prerequisites: MQM 220, 224 with a grade of C or better.

227 OPERATIONS MANAGEMENT 3 sem. hrs.

Issues related to managing the processes by which organizations transform resources into quality goods and services. Topics include operations strategy, project management, quality management, and inventory management. Formerly *PRODUCTION MANAGEMENT*. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent. ACC 132; ECO 105 (or ECO 101 and 102); MAT 120; MQM 100 (or ECO/GEO/POL/PSY 138).

298.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MANAGEMENT 1-6 sem. hrs.

Internship experiences in general management, human resource management, production/operations management or management information systems, arranged through the department coordinator. Prerequisite: Junior standing.

322 HUMAN RESOURCE MANAGEMENT FOR SMALL BUSINESS 3 sem. hrs.

Principles and procedures of human resource management focusing on the nuances facing small business, including staffing, appraisal, training and compensation. Not for credit if had MQM 323 or 340.07. Prerequisite: MQM 220 with a grade of C or better.

323 HUMAN RESOURCES MANAGEMENT 3 sem. hrs.

Principles and procedures relating to human resources management, including staffing, appraisal, training, compensation, and other programs for business and other organizations. Prerequisite: MQM 220 with a grade of C or better.

324 INDUSTRIAL RELATIONS MANAGEMENT 3 sem. hrs.

Managing employment relations and work conditions. Emphasis on negotiating, administering labor agreements, and impact of collective bargaining on managerial practice. Prerequisite: MQM 220 with a grade of C or better.

326 SMALL BUSINESS FIELD STUDIES 3 sem. hrs.

Working in teams, students gain experiences as small business consultants. Students acquire first hand knowledge of business by dealing with ongoing businesses through the course of an entire semester. Prerequisites: MQM 220, 224 with a grade of C or better; MQM 226 or concurrent registration.

328 ENTREPRENEURSHIP AND THE ARTS I**3 sem. hrs.**

The course examines entrepreneurship within the context of the fine arts and provides an overview of topics such as understanding financial statements, analyzing market opportunities, and understanding the legal environment. It culminates in a feasibility study for a new business. Formerly MQM 289.01. Prerequisites: Junior standing and CFA major.

335 QUALITY CONTROL MANAGEMENT**3 sem. hrs.**

Introduces the basic concepts and models used in quality management. Emphasis is placed on the organizational and behavioral dimensions of a quality management program. Prerequisite: MQM 227 or consent instructor.

340 SEMINAR IN MANAGEMENT**3 sem. hrs.**

Specialized study of a selected topic in the field of management for advanced students. May be repeated once if topic different. Prerequisite: MQM 220 or 221.

349 BUSINESS IN A MULTICULTURAL ENVIRONMENT**3 sem. hrs.**

Business operations in a multicultural environment. Relationship between the business process and social attitudes, values, ideologies, and customs with special emphasis on Asia, Latin America, and the Middle East.

350 INTERNATIONAL MANAGEMENT**3 sem. hrs.**

Managerial decision making for planning, organizing, and controlling the functions, operations, and resources of multinational corporations. Prerequisite: MQM 220 with a grade of C or better.

352 RECRUITMENT AND SELECTION**3 sem. hrs.**

Advanced course focusing on the relationship between recruitment and selection activities and their impact on other human resource functions and organizational performance. Prerequisite: MQM 323 with a grade of C or better.

354 COMPENSATION MANAGEMENT**3 sem. hrs.**

Compensation subsystem as a vital component in establishing a workplace system that stimulates employee performance. Prerequisite: MQM 323 with a grade of C or better.

356 FOUNDATIONS OF HUMAN RESOURCE DEVELOPMENT**3 sem. hrs.**

Examines theoretical foundations of human resource development and includes employee orientation, technical training, career development, management development, and diversity training.

357 PROGRAM DESIGN AND DEVELOPMENT IN HUMAN RESOURCE DEVELOPMENT**3 sem. hrs.**

Focuses on methods, materials, and technology applied to the design, selection, and implementation of training programs for business and non-profit organizations.

380 LEADERSHIP: TEAMS AND TEAM DEVELOPMENT**3 sem. hrs.**

The critical issues in groups and teams are examined within organizational settings. Emphasis is on work teams in organizations and the issues of effectiveness, performance, and conflict. Formerly *TEAMS AND TEAM DEVELOPMENT*. Prerequisite: MQM 221 with a grade of C or better or concurrent registration.

382 ORGANIZATIONAL LEADERSHIP**3 sem. hrs.**

Emphasis is on leadership and motivation as directive functions of management that are instrumental for achieving high quality performance and organization member satisfaction. Techniques for enhancing one's individual leadership skills are utilized. Prerequisite: MQM 221 with a grade of C or better or concurrent registration.

383 LEADING ORGANIZATIONAL CHANGE**3 sem. hrs.**

Critical issues in organizational change including power, culture, change strategies, and resistance to change are examined and applied to diversity in the organization and its markets. Prerequisite: MQM 221 with a grade of C or better or concurrent registration.

384 LEADERSHIP: DECISION MAKING AND PLANNING**3 sem. hrs.**

A consideration of managerial decision making in organizations. Specific emphasis on strategic, program, and operational level planning decisions, techniques, and systems. Prerequisite: MQM 221 with a grade of C or better or concurrent registration.

385 ORGANIZATIONAL STRATEGY**3 sem. hrs.**

Integration of the decision-making processes involved in each of the major functional areas of business. Materials charge optional. Prerequisites: ACC 166 or ACC 270; MQM 220, 227; FIL 185, 240; MKT 230, all with grades of C or better. Senior standing. Business major only.

386 LEADERSHIP AND ORGANIZATIONAL CULTURE**3 sem. hrs.**

The meaning and impact of culture in organizations, including the role of leadership in creating, managing and changing culture. Not for credit if had MQM 340.13. Prerequisite: MQM 221 with a grade of C or better or concurrent registration.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT**1-6 sem. hrs.**

Students qualifying for this internship experience can receive letter-grade credit hours of which 3 hours can be counted toward the Management Major. See Department coordinator for information. Prerequisites: Primarily for junior/senior Management majors with at least 90 hours. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management required.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION

1-6 sem. hrs.

Students qualifying for this internship experience can receive letter-grade credit hours, of which 3 hours can be counted toward the BUA Major. See Department coordinator for information. Prerequisites: Primarily for junior/senior BUA majors with at least 90 hours.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT

1-6 sem. hrs.

Students qualifying for this internship experience will receive CR/NC hours only, of which 3 hours can be counted toward the Management Major. See Department coordinator for information. Prerequisites: Primarily for junior/senior Management majors with at least 90 hours completed. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management required.

398.04 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION

1-6 sem. hrs.

Students qualifying for this internship experience will receive CR/NC hours only, of which 3 hours can be counted toward the BUA Major. See Department coordinator for information. Prerequisites: Primarily for junior/senior BUA majors with at least 90 hours completed.

International Business (INB) 546

Degrees Offered: B.A., B.S.

The Baccalaureate program in International Business is designed to provide a specialized curriculum for students interested in business who wish to prepare themselves for international careers within multinational corporations. This interdisciplinary program, administered by the Department of Management and Quantitative Methods, combines course work in general and international business, foreign language, and area studies. Through a concentration or sequence in a business area, the program provides a combination of international business and functional area of business. The student can choose from two international business tracks. The required international business courses provide solid exposure to the unique dynamics of international business. Area studies and foreign language requirements further enhance the students' international experience. Study abroad experiences are an essential element of the international business program. It is strongly recommended that every international business major participate in a study abroad program or complete an international internship.

The International Business program is divided into a common business core applicable to all business students, the International Business core, a concentration or sequence in a functional area, the Languages, Literatures,

and Cultures requirement, and area studies requirements. Sixty hours of course work must be taken outside of the College of Business.

MAJOR IN INTERNATIONAL BUSINESS

- 62 required hours including 44 hours in required core, 18 hours in International Business major required and elective courses.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- 18 hours of International Business coursework from one of two tracks.

Track one:

- Required courses (15 hours): FIL 312; INB 190; MKT 350; MQM 349, 350.
- Elective hours (3 hours): Select one of the following courses: ACC 340; ECO 245; FIL 344; INB 245, 398.

Track two:

- Required courses (15 hours): ACC 340; FIL 312, 344; INB 190; MQM 349.
- Elective hours (3 hours): Select one of the following courses: ECO 245; MKT 350; MQM 350; INB 245, 398.
- Business Functional Area Requirement (9 hours): All students must take a 9 hour concentration in a functional area of business: Accounting, Business Information Systems, Finance, Insurance, Management, and Marketing.
- Languages, Literatures, and Cultures requirement (6-8 hours): All Students must take two language courses at least through the 116-level, regardless of proficiency (proficiency credit may not be used towards the major).
- Area Studies requirement: two courses (6 hours) from Languages, Literatures, and Cultures; Geography; History; Interdisciplinary Studies; or Politics and Government. Consult with the advisor for a list of approved courses. The area studies courses must support the foreign language.

MINOR IN INTERNATIONAL BUSINESS

A minor in International Business is only available to students who major in the College of Business.

- 22 hours required.
- 12 hours to be chosen from ACC 340; FIL 312, 344; INB 190, 245; MKT 350; MQM 349, 350.
- 4 hours required in Languages, Literatures, and Cultures at least through the 115-level.
- 6 hours of area studies electives from Geography, History, Politics and Government, or Interdisciplinary Studies. Consult with advisor for specific courses.

BUSINESS STUDY ABROAD

The College of Business has partner institutions in England, France, Germany, Japan, and Mexico. Additional partnerships are under development. The College sponsors both summer study abroad programs and semester pro-

grams. In addition, the University sponsors summer and semester programs to a variety of countries. Students should plan for an international program early in their studies and consult with the International Business advisor for the transfer of credits earned abroad.

The summer studies abroad programs are conducted in English or the language of the respective country at the partner universities. Check with the advisor for details. For these programs, students earn 6 credits for 2 courses (IDS 133, Interdisciplinary Study Abroad and INB 245, Business Studies Abroad). The semester programs offer courses in English and the language of the country. The student should see the advisor for the articulation of specific courses.

The College's partner universities are:

The University of the West of England
Bristol, England (summer program)

The University of Paderborn
Paderborn, Germany (semester program)

Ecole Supérieure des Sciences Commerciales d'Angers
Angers, France (summer and semester program)

ESIDEC/ICN, Metz, France (summer program)

International Center Chuo University
Tokyo, Japan (summer program)

Instituto Tecnológico de Estudios Superiores de Monterrey
(ITESM) Queretaro, Mexico (summer program)

International Business Courses

190 INTRODUCTION TO INTERNATIONAL BUSINESS

3 sem. hrs.

Provides basic knowledge of theory and practice in International Business; lays the foundation for specialized upper-division courses in International Business. Prerequisite: ECO 101 or 102 or 103 or 105.

245 BUSINESS STUDY ABROAD

1-6 sem. hrs.

Encompasses any studies related to College of Business Summer Studies Abroad. 3 hours may count as major elective in the areas in the following programs: Business Administration, Finance, Insurance, International Business, Management, and Marketing. Prerequisites: Junior standing; consent coordinator.

298.01 PROFESSIONAL PRACTICE: INTERNATIONAL BUSINESS INTERNSHIP

1-3 sem. hrs.

On-the-job experience in international business. Students qualifying for the internship experience can receive 3 credit hours that can be counted toward the number of hours required for graduation. The internship experience should be arranged through the International Business internship coordinator. Prerequisite: Junior standing.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN INTERNATIONAL BUSINESS

1-6 sem. hrs.

On-the-job experience in international business. Students qualifying for the internship experience can receive up to 6 credit hours of which 3 can be counted towards a major elective. Prerequisites: Primarily for junior/senior International Business majors with at least 90 hours completed.

MARKETING (MKT) 559

352 College of Business Building, (309) 438-7261
FAX (309) 438-3508

Web address: www.cob.ilstu.edu/marketing/

Chairperson: Timothy Longfellow.

Tenured/Tenure-track Faculty:

Professors: Attaway, Cox, Goodwin, Humphreys, Showers, Singley, Taylor.

Associate Professors: Bakir, Beggs, Goebel, Hunter, Longfellow.

Assistant Professors: Bailey, Fletcher, Ishida, Kaufman, Melton, Mountjoy, Wallace.

General Department Information

The Marketing Department offers and administers two degree programs: Marketing and Business Teacher Education.

Academic Requirements:

All students with majors offered by the Department of Marketing must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Marketing Program

Degree Offered: B.S. in Marketing

Marketing is a flexible degree that qualifies graduates for a variety of leadership positions in the selling, distribution, pricing, and advertising of goods and services for both profit and non-profit organizations.

MAJOR IN MARKETING

- 68 required hours including 44 hours in required core and non-business courses and 24 hours in Marketing major required and elective courses.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Marketing major elective courses: (15 hours selected from): MKT 233, 234, 310, 311, 324, 325, 326, 329, 331, 332, 333, 334, 335, 337, 339, 350, 398.01,

398.03, 398.04. NOTE: Up to 3 hours of MKT 287, and 398.01 may be counted as part of the 12 hours listed above.

- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Students may choose to major with a general Marketing degree or specialize in one of the following sequences:

Integrated Marketing Communication Sequence:

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
 - Marketing major required courses (9 hours): MKT 231, 232, 338.
 - Required sequence courses: MKT 233, 333.
 - Integrated Marketing Communication elective courses: (9 hours selected from): MKT 234, 331, 332, 339.05, 339.09, 398.04 (3 hours); COM 178.
- NOTE: Up to 3 hours of MKT 287, and 398.04 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Professional Sales Sequence:

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
 - Marketing major required courses (9 hours): MKT 231, 232, 338.
 - Required sequence courses: MKT 234, 334.
 - Professional Sales sequence elective courses: (9 hours selected from): MKT 311, 324, 325, 326, 329, 398.03.
- NOTE: Up to 3 hours of MKT 287, and 398.03 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Marketing Courses

230 INTRODUCTION TO MARKETING MANAGEMENT

3 sem. hrs.

A managerial approach to the study of such key decision areas as advertising, distribution, pricing and product development as well as other concepts and activities that facilitate exchange and build relationships between buyers and sellers in the environments of business and nonbusiness organizations. Prerequisite: ECO 105 or (101 and 102) or 103.

231 BUYER BEHAVIOR

3 sem. hrs.

Theory and research on explaining and predicting consumer and organizational buying behavior. Course examines concepts that have implications for marketing management decisions. Prerequisite: MKT 230 with a grade of C or better.

232 MARKETING RESEARCH

3 sem. hrs.

Examines marketing research methods and techniques used in the collection and interpretation of primary and secondary data. Hands-on experience is gained through participation in one or more research projects. Prerequisites: MQM 100 (or ECO/GEO/POL/PSY 138) and MKT 230, both with a grade of C or better.

233 FOUNDATIONS OF INTEGRATED MARKETING COMMUNICATION

3 sem. hrs.

Provides an introduction to and foundation for integrated marketing communication (IMC). Coverage will include brand strategy, management, and measurement, overview of promotional mix tools, and secondary research tools for situation analysis as the foundation for IMC planning. Prerequisite: MKT 230 with a grade of C or better.

234 PERSONAL SELLING AND RELATIONSHIP MARKETING

3 sem. hrs.

Presents personal selling as a professional marketing activity; coverage of effective selling methods. Application of selling theories to the modern marketing concept. In-class presentations and role playing exercises are typical. Interactive Learning Systems Technology is used in all sections. Materials charge optional. Prerequisite: AGR 214 or MKT 230 with a grade of C or better.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING

1-6 sem. hrs.

Primarily for students with less than 89 hours earned. Does not count toward the MKT Major. CR/NC only. See department chair for information and consent. Prerequisite: Junior standing.

310 MARKETING LOGISTICS AND SUPPLY CHAIN MANAGEMENT

3 sem. hrs.

Analysis and development of integrated physical distribution systems: applications of quantitative methods for regarding movement and storage of raw materials and finished goods. Not for credit if had MKT 339.01. Prerequisites: MKT 230, 231, 232.

311 MARKETING AND SALES FORECASTING

3 sem. hrs.

The role of forecasting in marketing decision making, and the systematic steps involved in conducting a forecasting project. Not for credit if had MKT 339.02. Prerequisites: MKT 230, 231, 232, or concurrent registration.

324 ADVANCED PROFESSIONAL SELLING AND NEGOTIATIONS

3 sem. hrs.

Course is designed to enhance the student's ability and confidence to effectively negotiate win-win solutions through highly experiential and real world-based projects. Not for credit if had MKT 339.08. Materials charge optional. Prerequisites: MKT 230, 234.

325 KEY ACCOUNT AND RELATIONSHIP MANAGEMENT**3 sem. hrs.**

The course focuses on major account management, the supply chain; purchasing units; segmentation and targeting organizational markets; team selling and management. Not for credit if had MKT 337. Materials charge optional. Prerequisites: MKT 230, 234.

326 PROFESSIONAL SALES PLANNING AND ANALYSIS**3 sem. hrs.**

Course involves analyzing territory market potential, developing call schedules, territory routing routines, and account goals, managing sales budgets, and sales person job shadowing. Materials charge optional. Prerequisite: MKT 234.

329 PURCHASING POLICIES AND PROCEDURES**3 sem. hrs.**

Purchase of materials, supplies, and equipment for industry, government, and other institutions. Organization for purchasing, internal requisitioning, and stock control. Significant case analysis is typical. Prerequisite: MKT 230 with a grade of C or better.

331 DEVELOPMENTS IN IMC STRATEGIES**3 sem. hrs.**

Provides in-depth coverage of IMC strategies including mobile, search engine, and digital marketing, product placement, sponsorship and event marketing, etc. Formerly *SUPPORT STRATEGIES FOR IMC*. Prerequisites: MKT 230, 231, 232, 233.

332 IMC CREATIVE STRATEGY AND DESIGN**3 sem. hrs.**

Provides an overview of the creative strategy development process within an integrated marketing communication (IMC) framework. Includes detailed coverage and application of elements and principles of creative strategy and design. Prerequisites: MKT 230, 231, 232, 233.

333 INTEGRATED MARKETING COMMUNICATION**3 sem. hrs.**

This course is designed to overview and experience the integrated marketing communication (IMC) planning process through a client project. In addition to exploring the IMC or promotional strategy planning process, within a marketing strategy framework in class sessions, students will gain experience in developing an IMC plan based on a thorough market/situation analysis for real clients. Prerequisites: MKT 231, 232, 233.

334 SALES MANAGEMENT**3 sem. hrs.**

Theory, principles, and practices of sales force administration for manufacturing, wholesaling, and service enterprises. Topics include recruiting, training, compensation, and performance appraisal. Computer simulation gaming is typical. Prerequisite: MKT 234.

335 RETAILING MANAGEMENT AND PROMOTION**3 sem. hrs.**

Management and operation of retail firms. Emphasis on location analysis, pricing, inventory control, merchandising and promotion. Experiential assignments are typical. Prerequisite: MKT 230 with a grade of C or better.

338 STRATEGIC MARKETING MANAGEMENT**3 sem. hrs.**

Development, implementation, and control of the marketing plan. Short and long-run perspectives are considered equally important. Includes analysis of actual and hypothetical cases. Computer simulation gaming is typical. Prerequisites: MKT 231 and 232.

339 SEMINAR IN MARKETING**3 sem. hrs.**

A specialized study of important, narrow areas in the field of marketing for advanced students. Recent topics include direct marketing, logistics/physical distribution, sales/market forecasting, advanced marketing research, advanced professional selling, and services marketing. Computer simulation gaming is typical. May be repeated once if topic and inst different. Prerequisites: MKT 231, 232 or consent department chair.

350 INTERNATIONAL MARKETING**3 sem. hrs.**

Understanding the global marketing environment and developing marketing strategies across national boundaries. The political, economic, and cultural variables which influence such strategies are identified. Recent cross-cultural research and real world cases clarify concepts and their application. Prerequisite: MKT 230 with a grade of C or better.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING**1-6 sem. hrs.**

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be counted toward the MKT Major. See department chair for information and consent. Prerequisites: Junior standing. Primarily for students with at least 89 hours earned.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING**1-6 sem. hrs.**

Those qualifying for this internship/coop experience will receive CR/NC hours only, none of which can be counted toward the MKT Major. See department chair for information and consent. Prerequisite: Primarily for students with at least 89 hours earned.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN PROFESSIONAL SALES**1-6 sem. hrs.**

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be counted toward the MKT Major. See department chair for information and consent. Prerequisites: Junior standing. Primarily for students with at least 89 hours earned.

398.04 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION INTEGRATED MARKETING COMMUNICATION**1-6 sem. hrs.**

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be continued toward the MKT Major. See department chair for information and consent. Prerequisites: Junior standing. Primarily for students with at least 89 hours earned.

BUSINESS TEACHER EDUCATION (BTE)

556

General Information

The Business Teacher Education program focuses on developing business, marketing and computer educators through the pursuit of Illinois State University's conceptual framework for teacher education: "Realizing the Democratic Ideal." The BTE program prepares students for teacher certification requirements for the State of Illinois by embracing state and national teacher education standards established by the Illinois State Board of Education (ISBE), National Council for Accreditation of Teacher Education (NCATE), International Society for Technology in Education (ISTE), and National Association of Business Teacher Education (NABTE). This program prepares graduates for secondary teaching positions as well as elementary and middle school level positions (special K-12 certification).

Students should note that:

1. Business Teacher Education majors must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in Business Teacher Education courses.
2. At least 60 hours of credit toward the bachelor's degree must be taken outside the College of Business and in subject areas other than business.
3. Majors in the Business Teacher Education program must earn and maintain a 2.50 GPA for Admission to Professional Studies (see University-Wide Teacher Education program requirements in the College of Education section of this Undergraduate Catalog for further information). Also, Business Teacher Education majors must have a minimum GPA of 2.50 in the major and at ISU in order to be eligible to student teach.
4. For the Business Teacher Education program, minimum Pre-Clinical Experiences totaling 100 clock hours shall be completed prior to student teaching. Several Business Teacher Education and College of Education courses include Pre-Clinical Experiences.
5. Students shall plan programs in consultation with an advisor.
6. The BTE program is a performance-based program (PBA) that requires students to attend two program meetings (one each in fall and spring semesters) to receive updates and complete assessments. In the BTE PBA system, students pass over five (5) thresholds to complete the program. In addition to regular course work and campus-wide teacher education performance assessments, BTE students complete interviews, essays, check sheets, attend college colloquia, and prepare a summative program portfolio. See the BTE coordinator and/or advisor for further details.
7. Students desiring the cooperative career and technical vocational education endorsement are required to complete BTE 380 and 382 and have 2,000 hours of non-teaching work experience in the business area.

Business Teacher Education Programs (BTE)

Degrees Offered: B.A., B.S., B.S. in Ed.

MAJOR IN BUSINESS TEACHER EDUCATION

Business Teacher Education includes: (1) a study of the concepts and properties in modern business environments, including accounting, business law, information processing, telecommunications, quantitative analysis, management, marketing and finance; (2) the development of cognitive, psychomotor, and affective skills in the content areas (listed above in 1) related to the use of tools, materials, processes, resources, technologies, principles, and products as well as their impact on society; and (3) the professional competencies of planning, implementing and evaluating instruction. The program is based upon Illinois State University's institutional standards as reflected in the conceptual framework for Teacher Education. Furthermore the BTE program embraces the Illinois State University conceptual framework by addressing standards developed by the ISBE (Illinois Professional Teaching Standards, Illinois Business, Marketing, and Computer Education Content Standards, Illinois Core Language Arts Standards, Illinois Core Special Education Standards for all teachers and Core Technology Standards for all teachers). These standards were established by the agencies and professional organizations listed above.

The BTE program, through the following requirements, is part of the entitlement program leading to the type 10 certificate, K-12 Specialist in Business Education. Initial employment opportunities include elementary, middle level and junior high level business and computer instruction/technology coordination; high school business, marketing and computer teacher/coordinator; school/district computer teacher; community college/technical college instructor; and business/industry trainer/instructor.

Student Teaching comprises a full semester experience with approximately 6 weeks in an elementary and/or middle level setting (5 semester hours) and approximately 10 weeks in a secondary level setting (7 semester hours). Prior to student teaching students complete at least 100 pre-clinical hours of field experience with a minimum of 30 in elementary/middle level and 70 in secondary settings. See, also, University-Wide Teacher Education program requirements and Professional Studies Admission sections of this Undergraduate Catalog for further requirements.

Required courses:

- 122 total semester hours required:
- Professional Education (26 hours): C&I 210, 212, 214, 216; EAF 228 or 231 or 235; Student Teaching.
- Courses outside of major (41 hours) required: COM 110; ECO 105; ENG 101; MAT 120 or 144; Inner Core: Natural Science (6 hours); Middle Core: Language in the Humanities, U.S. Traditions, Individuals and Civic Life; Outer Core: Humanities, Science/Math/Technology, Fine Arts, Social Science.

- Business courses (27 hours) required: ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220.
- BTE courses (28 hours) required: BTE 110, 140, 199, 225, 260, 322, 330, 354, 362, 363, 364.
- Optional Business Computer Programming Specialization (6 hours): TEC 243 and either ACC 266 or TEC 151.

The Business Teacher Education graduate is prepared to teach the following subjects: basic business, introduction to business, accounting, record keeping, business law, information processing keyboarding, computer applications, consumer economics/education, marketing, entrepreneurship, business communications, and subjects with similar titles.

The work-based learning teacher/coordinator specialization is available for teachers with a career and technical education degree and special education teachers by completing BTE 380 and 382 and proof of 2,000 hours of employment experience in the occupational specialty to be taught.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching clinical experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Business Teacher Education Courses

All of the following Business Teacher Education (BTE) courses were formerly Business Education and Administration (BEA) courses.

110 INPUT TECHNOLOGIES AND ADVANCED DOCUMENT CREATION

3 sem. hrs.

Advanced skills and concepts related to speech recognition, handwriting recognition, scanners, digital cameras, webpage design, desktop publishing, and word processing. Prerequisites: Ability to use word processing software and touch keyboard at 40 wpm.

140 BUSINESS COMMUNICATION

3 sem. hrs.

Oral, written, and electronic communication practices in business. Communication skills will be improved through solution of practical business problems. Formerly MQM 140 *INTRODUCTION TO BUSINESS COMMUNICATION*. Materials charge optional. Prerequisite: ENG 101 or concurrent registration.

199 INTRODUCTORY CLINICAL EXPERIENCE IN BTE

1-3 sem. hrs.

Assist public school business teacher in delivering instruction. Includes observation, record keeping, grading, instructional material preparation, instructional aiding and direct teaching. Includes Clinical Experiences: 50 hours minimum, Type 1-6, 9, 10. For CR/NC only.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL

3 sem. hrs.

Development of advanced skills in widely used application software. Introduces topics related to the role of technology in education and training. Materials charge optional. Also offered as ACC 225. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

260 FOUNDATIONS OF BUSINESS EDUCATION

2 sem. hrs.

Historical background and current status of Business Education emphasizing professional responsibilities of teachers and principles of curriculum construction. Prerequisites: C&I 212, 214, or concurrent registration.

322 ENTREPRENEURSHIP STUDY FOR THE BUSINESS TEACHER

3 sem. hrs.

Provides future business teachers with content knowledge to teach a high school entrepreneurship course. Prerequisites: MQM 220; MKT 230.

330 DECISION-MAKING FOR CONSUMERS

3 sem. hrs.

Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life-styles, consumer protection, leisure, and achieving financial security. Also offered as FCS 330.

354 EDUCATIONAL TECHNOLOGY INFORMATION SYSTEM: PLANNING AND IMPLEMENTATION

3 sem. hrs.

Understand the role of information technology systems in educational settings. Includes developing skills in evaluating hardware and software, developing technology plans and policies, implementing and evaluating technology systems, using the Internet to solve educational/learning issues, and keeping current with technological innovation. Prerequisites: BTE 225 and MQM 220 with a grade of C or better.

362 BASIC BUSINESS, ACCOUNTING, AND MARKETING INSTRUCTION

3 sem. hrs.

Methods of teaching basic business, consumer economics, accounting, and marketing. Prerequisites: BTE 260 or concurrent registration. Admission to Professional Studies.

3 sem. hrs.

364 TEACHING KEYBOARDING AND INFORMATION PROCESSING IN ELEMENTARY SCHOOLS

1 sem. hr.

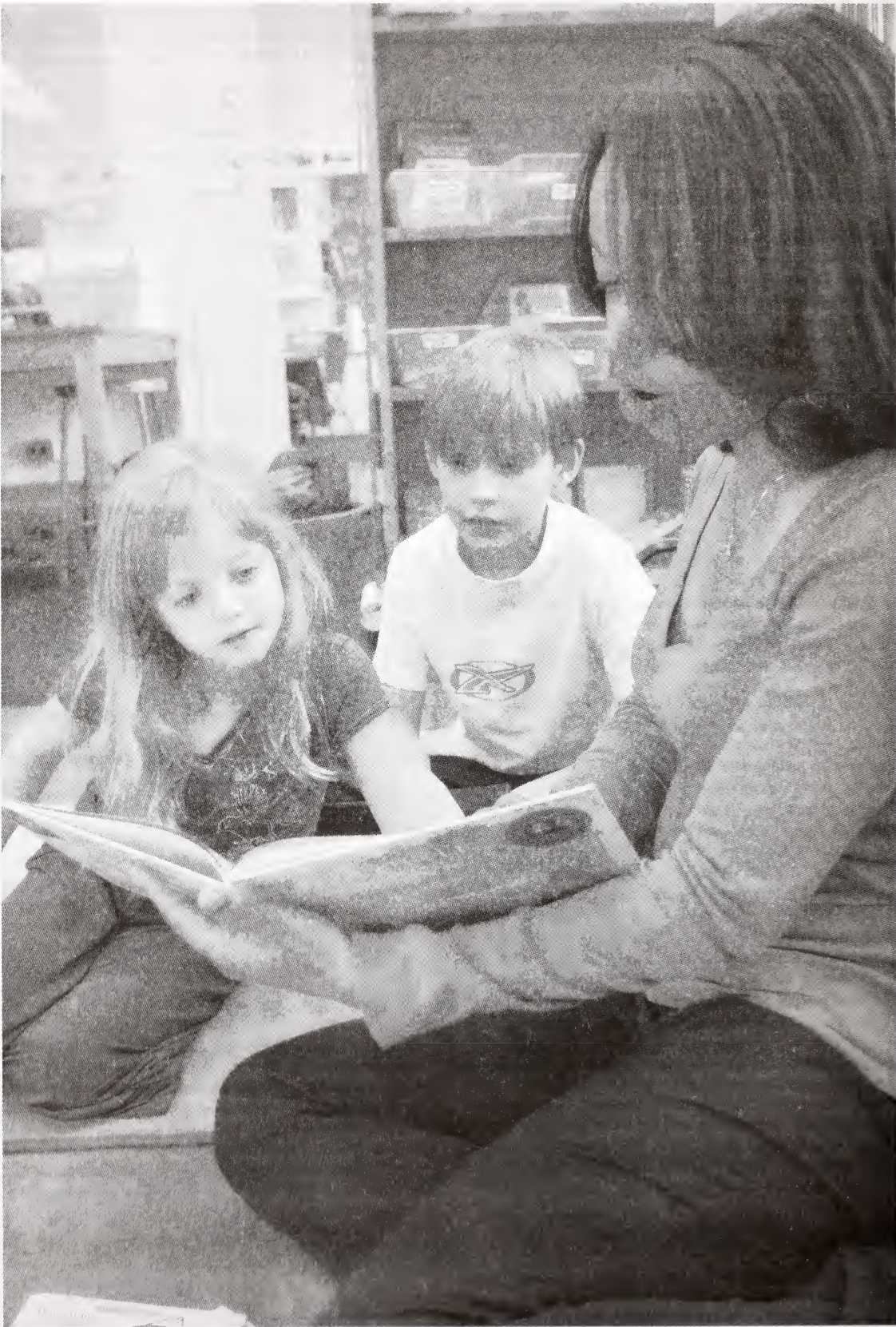
380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS

3 sem. hrs.

382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS

3 sem. hrs.

Coordination techniques needed for high school and post-secondary teacher coordinators in integrating classroom activities with daily employment. Includes Clinical Experiences: 5 hours, Type 1-6, 9. Also offered as FCS 382 and TEC 306.



COLLEGE OF EDUCATION

Dean: Deborah Curtis, Office: 506 DeGarmo Hall.

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Email: Education@IllinoisState.edu

Web address: IllinoisState.edu/education

The College of Education includes the Departments of Curriculum and Instruction, Special Education, Educational Administration and Foundations, the Office of Clinical Experiences and Certification Processes in the Teacher Education Center, and the Laboratory Schools. A research and service unit is also included in the College of Education.

The mission of the College of Education is to transform 21st century learning..

The preparation and continuing professional development of educators is the core of this mission. The guiding framework for teacher education at Illinois State University, "Realizing the Democratic Ideal," captures the values of education programs: "To teach in a democracy is self-consciously to take up the burden of improving the ethical and intellectual quality of our societal dialogue by including in it as many educated voices as possible." A comprehensive offering of degree, certification, and outreach programs operated year round at both undergraduate and graduate levels constitutes the primary mechanism through which the mission is fulfilled.

The College also fulfills its strategic mission of influencing education by interacting directly with practitioners in the field in a variety of partnerships in schools and other associations and agencies. In addition, the College is an active participant in discussions related to educational policy development within national, state, and local arenas.

CURRICULUM AND INSTRUCTION (C&I)

533

232 DeGarmo Hall, (309) 438-5425

Web address: www.coe.ilstu.edu/ci

Chairperson: Phyllis Metcalf-Turner.

Tenured/Tenure-track Faculty:

Professors: Crumpler, Curtis, Haynes, Jerich, Lind, Lorschach, Metcalf-Turner, Moore, Morgan, Moss.

Associate Professors: Al-Bataineh, Bassoppo-Moyo, Farris, Hatch, Husband, Meyer, Michie, Morey, Park, Toledo, Weilbacher.

Assistant Professors: Bates, Brown, Clardy, Handsfield, Hurd, Jadallah, Latham, Lin, Lucey, Lycke, Mertens, Mikulec, Quensenberry, Romano, Seglem, Shifflet, Skinner, Tilford, Wedwick, Williams.

Early Childhood Education Programs

Degrees Offered: B.S., B.S. in Ed.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Academic Requirements:

To register for C&I 271, the Early Childhood Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.50.
2. A minimum of 45 semester hours completed (**To begin C&I 271, however, students must have achieved junior standing—a minimum of 60 semester hours completed.**)
3. A minimum grade of C in both ENG 101 and COM 110.
4. All sections of State of Illinois Basic Skills Test passed (see description below).

Students should contact their Curriculum and Instruction advisors for additional information. Prospective transfer students will be admitted on a competitive basis to Illinois State University. (See the Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

State of Illinois Basic Skills Test

All early childhood majors are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 271. For this reason students should take the State of Illinois Basic Skills Test (fee required) as early as possible.

MAJOR IN EARLY CHILDHOOD EDUCATION

The Early Childhood Major leads to certification for teaching in programs serving children birth to age 8 (grade 3). The professional coursework of the program focuses on preparation for teaching in child care centers, pre-schools, 0-3 early intervention programs, and primary K-3 classrooms.

Students are encouraged to take the State of Illinois Basic Skills Test as early as possible since passing scores on the State of Illinois Basic Skills Test are required before registering for (C&I 271).

- Required courses (69 hours): C&I 111, 210, 271, 273, 274, 275, 276, 277, 278, 292, 293, 294, 314; EAF 228 or 231 or 235; ART 208 or MUS 278 or THE 229 or THE 282; CSD 115; SED 101, 373, 379; and STT 399.54.
- Each student should consult the Teacher Education Requirements section of the *Undergraduate Catalog* for further understanding of state General Education requirements for certification in Early Childhood Education.
- In addition, effective February 1, 2012 students who are applying for their initial teaching certification or additional endorsements must have a grade of C or better in all coursework required as part of their certification program. This includes all endorsement areas, major courses and professional education.

Elementary Education Programs

Degrees Offered: B.S., B.S. in Ed.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Academic Requirements:

To register for C&I 209, Literacy II, a student must have completed or achieved:

1. A minimum cumulative GPA of 2.50;
2. Grade of C or better in COM 110 and ENG 101.
3. C&I 208 Literacy I;
4. All sections of State of Illinois Basic Skills Test passed (see description below).

NOTE: In order to be eligible to student teach, students must earn a minimum grade of C in the following elementary level methods courses: C&I 208, 209, 257, 258; MAT 201.

State of Illinois Basic Skills Test

All elementary majors are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 209. For this reason, students should take the Illinois Basic Skills Test (fee required) as early as possible.

MAJOR IN ELEMENTARY EDUCATION

The Elementary Education program prepares candidates for certification in grades K-9. The program is based on the conceptual framework "Realizing the Democratic Ideal" and closely aligned with the Interstate New Teacher Assessment and Support Consortium (INTASC) standards, the Illinois Professional Teaching Standards (IPTTS) and the standards developed by Association for Childhood Education International (ACEI), all of which are integrally related.

Throughout the program, elementary education majors have opportunities to link theory with practice as they participate in clinical experiences in elementary classrooms. Elementary education majors also may apply to one of several Professional Development Schools in which they integrate their coursework with ongoing classroom experiences in participating school districts.

Elementary Education Program Sequence Requirements:

All Elementary Education majors are required to complete 18 semester hours in a discipline from one of the following areas: General Science, Social Science, Language Arts, Foreign Language, or Mathematics. All Elementary Education majors are required to complete 12 semester hours of science from the areas of Biological Sciences, Chemistry, Geology, and/or Physics. *Students should contact Curriculum and Instruction advisors for additional information.*

Effective February 1, 2012 students who are applying for their initial teaching certification or additional endorsements must have a grade of C or better in all coursework required as part of their certification program. This includes all endorsement areas, major courses and professional education.

- Required C&I courses (24 hours): C&I 204, 208, 209, 210, 211, 233.01, 257, 258.
- Required major adjunct courses (20 hours): ART 204 or MUS 277 or THE 281 or THE 283; EAF 228 or 231 or 235; ENG 170; KNR 222; *MAT 201; **PSY 302; SED 101.
- 12 hours Professional Education - Student Teaching: STT 399.50 (entire semester experience).

*6 hours of MAT 130, MAT 152 or 202 are Department of Mathematics prerequisites for MAT 201.

** 3 hours of PSY 110 is Department of Psychology prerequisite for PSY 302.

Bilingual/Bicultural Education Sequence:

An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and who completes the proposed required courses listed may be certified as an elementary school teacher with bilingual/bicultural approval. In addition to the courses required for the Elementary Education major, other required courses include:

- Required courses: C&I 319, 320, 321, 322; ENG 243.
- 2 courses selected from ENG 290, 341, 343, 344, 345.

- 3 courses selected from LAN 213.15, *244.15, *305.15, 336.15.
- 1 course selected from HIS 104.03, 111, 263, 273, 322.
- 1 course selected from ANT 175, 277; SOC 111, 260, 264.
- Bilingual Education student teaching must be in a bilingual setting.

*These courses can be taken during summer programs sponsored by the Department of Languages, Literatures, and Cultures in Spanish-speaking countries or on campus.

Additional courses in Spanish may be needed in order to obtain the required degree of Bilingualism. The courses available in the Department of Languages, Literatures, and Cultures are complemented by a summer program abroad. Language proficiency will be determined by successfully passing the Illinois Language Proficiency Test administered by the Illinois State Board of Education. The acceptable level of language proficiency required by the state of Illinois is a 70% score. This level requires that the candidate function sometimes, but not consistently, in the following:

- supports opinions and argues logically a point of view
- hypothesizes
- discusses abstract and concrete topics
- makes unpatterned errors only
- can get into, through, and out of familiar situations

The Elementary Education major who desires Bilingual/Bicultural approval should consult the Coordinator of the Bilingual/Bicultural Education Program in the Department of Curriculum and Instruction for assistance in planning a program to meet the above requirements.

ENDORSEMENT IN READING

Students may complete course work leading to the 24-hour reading teacher endorsement. To meet these state requirements, students must fulfill 18 hours in reading in categories designated by the State of Illinois, and two additional elective courses. Students should see an advisor to plan this coursework.

Middle Level Teacher Education Programs

Degrees Offered: B.S., B.S. in Ed.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Academic Requirements:

To register for C&I 233, the Middle Level Teacher Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.50.
2. A minimum grade of C in both ENG 101 and COM 110.
3. All sections of the State of Illinois Basic Skills Test passed (see following description).

Students should contact their Curriculum and Instruction advisors for additional information.

Illinois Basic Skills Test

All middle level teacher education majors are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 233. For this reason students should take the State of Illinois Basic Skills Test (fee required) as early as possible.

MAJOR IN MIDDLE LEVEL TEACHER EDUCATION

Professional Requirements:

- 40 hours in Professional Education required. Part of entitlement program leading to certification: Elementary K-9.
- Required courses: C&I 130, 210, 233, 306, 333, 390, 395, 399.55 (12 hours of Student Teaching); EAF 228 or 231 or 235; PSY 302; PSY 346 or 347 or SED 101.
- In addition, effective February 1, 2012 students who are applying for their initial teaching certification or additional endorsements must have a grade of C or better in all coursework required as part of their certification program. This includes all endorsement areas, major courses and professional education.

Content Area Requirements:

- Appropriate preparation in 2 or more content areas listed below is required.

The major in Middle Level Teacher Education, a program of professional development for those who wish to teach at the middle school-level of education, consists of three broad areas of preparation. These are: General Education requirements for certification which are listed in the section on Teacher Education; Professional Requirements which are listed above; and Content Area Requirements, the character of which are described below. Upon satisfactorily completing this program, the student will meet the State of Illinois requirements for Elementary certification (K-9).

Curriculum and Instruction advisors will assist the Middle Level Teacher Education major in planning course work in both a primary and secondary content area.

Primary Content Area:

A student must complete specified hours from one of these content areas: Science, Industrial Technology,

Social Sciences, Mathematics, Reading, Language Arts, or Physical Education.

Secondary Content Area:

In addition to the primary specialization, a student must complete a minimum of 18 hours (completes the State of Illinois minimum requirements for teaching in a second field) in another content area selected from those listed above, or from Health Education. **NOTE:** Middle Level majors must choose at least one of the four core curriculum areas (mathematics, science, social sciences, language arts) as either their primary or secondary content area.

Unlike preparation for senior high school teaching, the middle school demands broad preparation across the several disciplines that constitute a subject area at this level. To meet these broad field demands in their selected teaching areas, pre-service teachers in the Illinois State program are guided through coursework that is specifically attuned to the curriculum requirements of the middle school.

A primary feature of the Middle Level Teacher Education program is the experience that the pre-service teacher gains in working with young adolescent youth in the school environment. Simultaneously with the course work in the categories previously described, the student in the program engages in a variety of clinical experiences working with students in middle schools. Students that begin their last year in the program during the fall semester will be placed in a year-long partnership program for their senior year teacher education experience. Partnership schools may be located in any area of Illinois. In fulfilling its strong commitment to young adolescent education, Illinois State University works closely with these schools to provide maximal opportunities for majors in the development of teacher-student interaction skills. Students that begin their last year in the program during the spring semester will complete a four-week internship in local area schools and will complete student teaching requirements in the fall. The prescribed and voluntary internship activity aids the student in making the transition from pre-service to in-service teaching much more effectively and expeditiously. These activities and the other features of this specialized program combine to provide a comprehensive and thorough undergraduate program for teachers as specialists at a school level where few exist.

Certification standards and standards for school recognition by the Illinois State Board of Education relating to the qualifications of teachers as well as those for member schools of the North Central Association are met and considerably exceeded by graduates of the Middle Level Teacher Education program at Illinois State University.

A teacher education candidate for initial certification must earn a grade of C or better in student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Education.

Urban Education Study:

Students wishing preparation for working with urban populations may elect to complete Urban Education. Urban Education is not a certified area but is an elective option available to students in Elementary Education, Middle Level Education, Special K-12, High School, Early Childhood, and Special Education programs. Course content and Clinical Experiences are individually designed in keeping with the specific Teacher Education program of the student.

The following includes both on and off-campus course work experiences in both school and non-school educational settings, and in agency activities: C&I 110—Introduction to Multicultural Education (3 hours), C&I 232—Urban Education: An Introduction (3 hours), C&I 312—Urban Field Experiences (6 hours off campus), and C&I 398—Professional Practice: School/Community Involvement (3 hours).

SECONDARY EDUCATION NOTE: It is recommended that students progress through the Professional Education requirements in the following order:

1. PSY 215 (Educational Psychology), 3 hours and C&I 212 (Issues in Secondary Education), 2 hours.
2. EAF 228 (Social Foundations), or EAF 231 (Introduction to Philosophy of Education), or EAF 235 (Historical Foundations), 3 hours.
3. Begin the process leading to Admission to Professional Studies. This may require more than one semester. See the Index for Admission to Professional Studies details. Take the State of Illinois Basic Skills Test in reading, writing, and mathematics as soon as possible. **Students must pass all sections of the State of Illinois Enhanced Basic Skills Test before they can register for C&I 214 and 216.**
4. C&I 214 (Literacy in the Content Areas of Secondary Education) and C&I 216 (Instructional and Evaluative Methods in Secondary Education), 3 hours each.
5. Special Methods course(s) and student teaching as required by each academic department. Check with the advisor in your major department for specific course numbers. Students in Secondary Teacher Education may wish to obtain Middle Level endorsement so they are qualified to teach grades 6-12 instead of 9-12. To do so, students must take C&I 233.01 and PSY 302.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools, professional development schools, campus laboratory schools, agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Curriculum and Instruction Courses

104 INTRODUCTION TO EDUCATION

3 sem. hrs.

An overview of the world of K-12 public education, and introduction to teaching as a career.

110 INTRODUCTION TO MULTICULTURAL EDUCATION

3 sem. hrs.

Exploring the theories and processes for understanding and working with culturally diverse groups in educational settings and the implications for programming at all levels. Materials charge optional.

111 TEACHING DIVERSE STUDENT POPULATIONS: BIRTH - 8 YEARS

3 sem. hrs.

Exploring the theories and processes for understanding and working with culturally diverse groups in educational settings and implications for programming at the birth through eight-year-old level. Not for credit if had C&I 110. Prerequisite: Early Childhood major only.

130 INTRODUCTION TO EDUCATION OF THE YOUNG ADOLESCENT

1 sem. hr.

Develops the distinctive role of young adolescent education in the public school, contrasted with elementary and senior high school education. First course in Middle Level Teacher Education Sequence.

204 ELEMENTARY EDUCATION: PRACTICES AND ISSUES

3 sem. hrs.

Essential practices and issues related to elementary education teaching: certification, sociocultural context of teaching and learning, instructional planning and assessment, classroom management theories. Clinical Experiences Includes: Type 1, 3, 4. Materials charge optional. Prerequisites: Elementary Education major only. C&I 210.

208 LITERACY I: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS

3 sem. hrs.

Study about theory and practice in teaching reading and language arts at the elementary school level. Includes satisfactory completion Clinical Experiences. Prerequisites: Elementary Education, SED, and middle level major only. Sophomore standing. 2.00 cumulative GPA; C&I 210.

209 LITERACY II: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS

3 sem. hrs.

Extends students' knowledge of literacy and the use of appropriate assessment measures and instrument strategies. Includes satisfactory completion Clinical Experiences: Type 2. Prerequisites: Elementary Education, SED, and middle level major only. C or better in ENG 101 and COM 110. C&I 208. 2.50 cumulative GPA. All sections of State of Illinois Basic Skills Test passed.

210 CHILD GROWTH AND DEVELOPMENT

3 sem. hrs.

Physical, social, emotional, and mental development of the child from conception through adolescence; methods of studying children and their behavior. Includes satisfactory completion Clinical Experiences: Type 1. Prerequisite: Sophomore standing.

211 SEMINAR IN EDUCATION

3 sem. hrs.

Capstone course synthesizing broad curricular and instructional issues for teaching in the elementary grades, providing a transition into student teaching. Includes satisfactory completion Clinical Experiences: Type 1, 2, 3, 4, 9, 10. Not for credit if had C&I 254. Prerequisites: Elementary Education major only. C&I 208 and 209. Senior standing, 2.50 major and overall GPA. Admission to Professional Studies. Concurrent registration in C&I 257, 258.

212 ISSUES IN SECONDARY EDUCATION

2 sem. hrs.

Focuses on the social, economic, and political forces that influence the development, organization, and purposes of secondary schools. Includes satisfactory completion Clinical Experiences: Type 1-4, 10. Prerequisites: Teacher Education Sequence leading to 6-12 or K-12 certification (other than Special Education). Overall GPA of 2.50; 45 hours completed. Grade of C or better in COM 110 and ENG 101.

214 LITERACY IN THE CONTENT AREAS OF SECONDARY EDUCATION

3 sem. hrs.

This course focuses on materials and strategies (techniques) which support literacy in all content areas. Includes satisfactory completion Clinical Experiences: 10 hours, Type 1, 2, 4, 5, 6, 10. Formerly *READING IN THE CONTENT AREAS OF SECONDARY EDUCATION*. Prerequisites: Teacher Education Sequence leading to 6-12 or K-12 certification (other than Special Ed). Admission to Professional Studies; 45 hours completed. Grade of C or better in ENG 101, COM 110 and C&I 212.

216 INSTRUCTIONAL AND EVALUATIVE METHODS IN SECONDARY EDUCATION

3 sem. hrs.

This course is designed to introduce and develop secondary school teacher candidate's ability to plan, deliver, and evaluate standards-based instruction. Includes satisfactory completion Clinical Experiences: 55 hours, Type 1, 2, 4, 5, 10. Includes concurrent registration lab 216.xx for field experiences at University High (see advisor). Prerequisites: Admission to Professional Studies; 45 hours completed. Grade of C or better in C&I 212 and PSY 215.

222 READING ASSESSMENT**3 sem. hrs.**

Study of the assessment of the reading process. Includes satisfactory completion Clinical Experiences: 5 hours, Type 1, 2, 6, 9, 10. Prerequisites: C&I 208; or Education or Psychology measurement recommended.

232 URBAN EDUCATION: AN INTRODUCTION**3 sem. hrs.**

Strategies for educating urban students.

233 MIDDLE LEVEL EDUCATION AND THE YOUNG ADOLESCENT**3 sem. hrs.**

Organizational structure of American public education; provisions for young adolescent education; understanding the characteristics of the young adolescent student; the role of the teacher of young adolescents. Includes satisfactory completion Clinical Experiences: 20 hours, Type 5. Prerequisites: Middle Level Teacher Education Major only; C&I 130 or concurrent registration. 2.50 overall GPA. C or better in ENG 101 and COM 110. All sections of State of Illinois Basic Skills Test passed. (Non-major section- 233.01; cumulative GPA 2.00, major GPA 2.00; Grade of C or better in ENG 101 and COM 110).

257 SCIENCE METHODS**3 sem. hrs.**

Methods associated with effective K-9 science instruction. Emphasis placed upon activity-based instructional strategies. Materials charge optional. Prerequisites: Elementary Education major only. Senior standing. 2.50 major and overall GPA. Admission to Professional Studies. C&I 208 and 209. Concurrent registration in 211, 258.

258 SOCIAL STUDIES METHODS**3 sem. hrs.**

Methods essential to effective K-9 social studies instruction. Focuses on current directions, research, and individual needs of diverse student populations. Prerequisites: Elementary Education major only. Senior standing. C&I 208 and 209. Concurrent registration in 211, 257. 2.50 major and overall GPA. Admission to Professional Studies.

264 LANGUAGE ARTS INSTRUCTIONAL STRATEGIES**3 sem. hrs.**

The curriculum organization, instructional strategies, and instructional materials for literacy programs. Prerequisites: C&I 208; 45 contact hours.

271 PREKINDERGARTEN EDUCATION**3 sem. hrs.**

An emphasis on planning, teaching, and evaluating programs with a focus on play, learning, materials, assessment, and working with birth - 5 year families. Not for credit if had C&I 281. Prerequisites: Early Childhood major only. All sections of State of Illinois Basic Skills Test passed. Concurrent registration in C&I 210 recommended, 278 and 292.

273 EARLY LITERACY LEARNING**3 sem. hrs.**

Study in early literacy learning, instruction and integration of quality children's literature at the P-3 grade level. Not for credit if had C&I 281, 282. Prerequisite: C&I 271.

274 LITERACY AND ASSESSMENT**3 sem. hrs.**

Extension of knowledge of early literacy and the use of appropriate assessment measures and instructional strategies for all children in grades K-3. Not for credit if had C&I 282. Prerequisites: C&I 273; concurrent registration in C&I 294. Admission to Professional Studies.

275 MATHEMATICS AND SCIENCE I**3 sem. hrs.**

Content related to how prekindergarten and kindergarten children acquire and apply fundamental mathematics and science concepts, skills, and attitudes. Not for credit if had C&I 283. Prerequisite: C&I 271

276 MATHEMATICS AND SCIENCE II**3 sem. hrs.**

Content about how primary level children acquire and apply fundamental mathematics and science concepts, skills, and attitudes. C or better required in this course. Not for credit if had C&I 283. Prerequisite: C&I 275. Admission to Professional Studies.

277 SOCIAL STUDIES FOR EARLY CHILDHOOD**3 sem. hrs.**

Content emphasis placed on cultural universals found in geography, history, economics, and citizenship. Not for credit if had C&I 283. Prerequisite: C&I 314. Admission to Professional Studies.

278 PRACTICES AND ISSUES IN EARLY CHILDHOOD EDUCATION**3 sem. hrs.**

Foundational issues and practices related to early childhood programming, education, instructional methods, and outcomes will be explored. Not for credit if had C&I 112. Formerly *INTRODUCTION TO EARLY CHILDHOOD*. Prerequisites: Early Childhood Education major only. All sections of State of Illinois Basic Skills Test passed. C&I 210.

292 EARLY CHILDHOOD EDUCATION CLINICAL I**3 sem. hrs.**

Early Childhood Education Clinical: placement in Infant Toddler and Prekindergarten settings - 50 clinical hours. Prerequisites: Concurrent registration in C&I 271. Completion TB Test and criminal background check.

293 EARLY CHILDHOOD EDUCATION CLINICAL II**3 sem. hrs.**

Early Childhood clinical placement in K-3 settings - 50 clinical hours. Prerequisites: Concurrent registration in C&I 314. Completion TB Test and criminal background check.

294 EARLY CHILDHOOD EDUCATION CLINICAL III**3 sem. hrs.**

Early Childhood clinical placement in K-3 setting - 50 clinical hours. Prerequisites: Concurrent registration in C&I 274. Completion TB Test; DCFS Health Form and criminal background check.

306 EARLY ADOLESCENCE LITERACY LEARNING**3 sem. hrs.**

Study of early adolescent literacy learning and instruction. Includes satisfactory completion Clinical Experiences: 20 hours, Type 1, 6, 9, 10. Formerly SED 306.

312 URBAN FIELD EXPERIENCE**6 sem. hrs.**

An off-campus, community-based experience in urban schools, local community agencies and state and private institutions serving youth. Includes satisfactory completion Clinical Experiences: 100 plus hours, Type 1-4.

314 LEARNING, ENVIRONMENTS, AND ASSESSMENT**3 sem. hrs.**

Study of how children learn. Emphasis on planning and assessment, guidance, management, and effective use of the learning environment. Prerequisites: C&I 271; concurrent registration C&I 293.

319 STUDY OF BILINGUAL/BICULTURAL EDUCATION**3 sem. hrs.**

Theory, research, and practice in bilingual/bicultural education. Bilingual major only.

320 BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION**3 sem. hrs.**

Emphasizes the process of developing a bilingual program, and examines the alternatives available at each stage. Prerequisites: Bilingual major only. Bilingual language proficiency (ENG/SPA) or consent instructor.

321 BILINGUAL/BICULTURAL METHODS AND MATERIALS**3 sem. hrs.**

Survey of methods and development of materials for teaching in bilingual/bicultural contexts. Prerequisites: Bilingual major only. Bilingual language proficiency (ENG/SPA) or consent instructor.

322 INTERNSHIP IN BILINGUAL/BICULTURAL EDUCATION**3 sem. hrs.**

Internship in a bilingual education program. Prerequisites: Bilingual major only. Bilingual language proficiency (ENG/SPA) or consent instructor. C&I 321, and placement in a bilingual classroom.

333 MIDDLE LEVEL CURRICULUM**3 sem. hrs.**

Curriculum designs, principles of curriculum development, and problems encountered by practitioners in early adolescent education. Clinical Experiences: 30 hours, Type 1-5. Prerequisites: Middle Level Teacher Education major only or consent program coordinator. C&I 233. 2.50 overall GPA. Admission to Professional Studies. Concurrent registration C&I 390 and 395.

351 SCIENCE METHODS FOR THE MIDDLE SCHOOL**3 sem. hrs.**

Strategies for teaching science which center around developing scientific literacy principles in the young adolescent child. Prerequisites: Middle Level Teacher Education major only or consent program coordinator. C&I 233 or concurrent registration.

352 SOCIAL STUDIES METHODS FOR THE MIDDLE SCHOOL**3 sem. hrs.**

Methods of social studies instruction for pre-service middle school teachers. Includes examination and use of instructional strategies and curriculum materials. Includes satisfactory completion Clinical Experiences: 10 hours, Type 1-4. Prerequisites: Middle School major only or consent program coordinator. C&I 233 or concurrent registration.

390 MIDDLE LEVEL STRATEGIES AND RESOURCES**3 sem. hrs.**

Methods and materials for teaching-learning experiences at this school level; instructional strategies; classroom management; guidance techniques; and pupil evaluation. Includes satisfactory completion Clinical Experiences: 60 hours, Type 1-5. Prerequisites: Middle Level Teacher Education major only or consent program coordinator. 2.50 overall GPA. C&I 233; concurrent registration C&I 333 and 395. Admission to Professional Studies.

395 CURRENT TOPICS AND ISSUES IN MIDDLE LEVEL EDUCATION**3 sem. hrs.**

Philosophy, functions, curricula of young adolescent education as implemented in middle schools. Relationships between pupils' developmental characteristics, needs, and behaviors and development of school programs. Problems, issues, evaluation and accreditation of junior high/middle schools. Clinical Experiences: 30 hours, Type 1-5. Prerequisites: Middle Level Teacher Education major only or consent program coordinator. 2.50 overall GPA. Admission to Professional Studies. C&I 390 or concurrent registration; concurrent registration C&I 333 and 390.

398 PROFESSIONAL PRACTICE: SCHOOL/COMMUNITY INVOLVEMENT**2-6 sem. hrs.****EDUCATIONAL ADMINISTRATION AND FOUNDATIONS (EAF)****590****331 DeGarmo Hall, (309) 438-5422****Web address: www.eaf.ilstu.edu****Chairperson: Patricia Klass****Tenure/Tenure-track Faculty:***Professors:* Ashby, Klass, Lin, Lyman, Palmer, Presley.*Associate Professors:* Adkins, Azinger, Eckrich, Gardner, Lugg, McCluskey-Titus, Mogilka, Nur-Awaleh, Otto, Pacha, Rugutt.*Assistant Professors:* Banicki, Dean, Durflinger, Evans-Winters, Hesbol, Hoff, Kyei-Blankson, Pulido, Sappington, Troxel.**General Department Information**

The Department of Educational Administration and Foundations offers courses at the undergraduate level to facilitate Teacher Education programs. For a complete description of the Department's graduate program and offerings, consult the Graduate Catalog.

Educational Administration and Foundations Courses

228 SOCIAL FOUNDATIONS

3 sem. hrs.

Education as a social process and function, social origins of contemporary educational problems. Prerequisite: 60 hours completed.

231 INTRODUCTION TO PHILOSOPHY OF EDUCATION

3 sem. hrs.

Philosophical inquiry into educational policies and practices. Prerequisite: 60 hours completed.

235 HISTORICAL FOUNDATIONS

3 sem. hrs.

Inquiry into the history of American public schooling. Prerequisite: 60 hours completed.

SPECIAL EDUCATION (SED) 591

533 DeGarmo Hall, (309) 438-8980

Web address: www.SpecialEducation.ilstu.edu

Chairperson: Jeffrey P. Bakken.

Undergraduate Program Coordinator: Kelli S. Appel.

Tenured/Tenure-track Faculty:

Professors: Angell, Bakken, Crowley, Fulk, Lartz, Peterson-Karlan, Thompson.

Associate Professors: Bock, Shelden, Stoner, Watts.

Assistant Professors: Bischke, Blum, Borders, Courtad, Doubet, Kelly, Meadan-Kaplansky, Smith, Uphold.

General Department Information

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit FindYourMajor.IllinoisState.edu or contact the undergraduate advisor for the intended major.

All Special Education undergraduates must have declared their sequence prior to Admission to Professional Studies. An overall GPA of 2.50 is required for retention in all Special Education programs.

Changes in major or sequence will be approved only if the student meets established program admission requirements and if there are openings in the sequence the student desires to enter. Students seeking to change their major to Special Education should follow the procedures described in this *Undergraduate Catalog*.

New Transfer and Internal Transfer Admission Requirements:

Department advisors or FindYourMajor.IllinoisState.edu can provide information regarding additional requirements for transfer into a special education major. In order to manage course offerings and accommodate student demand for the major, it may be necessary to extend the plan of study for transfer students by one semester.

Standards for Progress in the Major

A minimum GPA of 2.50 is required both overall and in major coursework for retention in all Special Education programs. Candidates must meet requirements for Admission to Professional Studies and Admission to Student Teaching to advance to experiences with these prerequisites.

Professional Requirements Applicable to All Special Education Programs:

In addition to meeting University requirements for graduation and Admission to Professional Studies requirements, all students in Special Education must successfully complete:

- 1) 27-hour core of courses, which includes the knowledge standards central to the profession of special education. These courses include: SED 101, 201, 202, 203, 204, 373; C&I 208; PSY 215; and EAF 228, or 231 or 235. (All of these courses must be completed with a grade of C or better.)
- 2) Sequence-specified course and experience requirements (see below) with minimum cumulative and major grade point averages of 2.50 for retention in program and continuation of major requirements.
- 3) Pre-student teaching experiences designed to meet professional performance standards. These experiences include successful completion of a minimum of 7 semester hours through enrollment in appropriate sections of SED 245 (see sequence-specific requirements). Additional teaching or related experiences may be included as a part of core or specific sequence requirements or in remedial experiences. Performance evaluations in each of these experiences must recommend that the student advance to the next level of experience prior to doing so. *Students are responsible for housing arrangements and transportation to clinical sites.*
- 4) A full semester of Student Teaching (STT 399) for which teacher candidates are awarded 14 semester hours of credit. In order to be recommended for initial certification, candidates must demonstrate during this capstone experience that they have obtained competence in the knowledge, performance, and disposition areas designated by the profession of special education and this department. *Students are responsible for housing arrangements and transportation to student teaching sites.*
- 5) An individual student portfolio: Student Performance-Based Assessment Portfolio documenting that all requirements established by the Teacher Education Unit and the Department of Special Education have been successfully met. This documentation includes multiple examples of evidence, gathered through courses and other experiences, of the acquisition of knowledge, per-

formance, and disposition required of the profession. A current listing of portfolio requirements can be obtained from the department.

Special Education Programs

Degrees Offered: B.S., B.S. in Ed.

MAJOR IN SPECIAL EDUCATION

Core for All Majors:

- 27-hour core of courses which includes the knowledge standards central to the profession of special education. These courses includes: SED 101, 201, 202, 203, 204, 373; C&I 208; PSY 215; and EAF 228 or 231 or 235. (All of these core courses must be completed with a grade of C or better.)
- Completion of all required SED, C&I, CSD, MAT, PSY and EAF courses required for core and major with a grade of C or better.
- Designated SED 245 field experiences with appropriate proficiency levels.
- STT 399 Student Teaching 14 hours with appropriate proficiency levels.

Specialist in Deaf and Hard of Hearing Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Deaf and Hard of Hearing.

- 27 hours Special Education Core.
- 37 hours in required sequence-specific courses including SED 130, 230, 330, 340, 353, 354, 355, 359, 375; CSD 211, 349, 350, 351.
- 7 hours SED 245 field experiences: 245.08 (2 hour), 245.09 (2 hour), 245.10 (1 hour), 245.11 (2 hour).
- 14 hours student teaching.
- Admission to Professional Studies is required prior to these courses: SED 204, 245.08, 245.09, 245.10, 245.11, 354, 355, 359 and 375.
- A grade of C or better in all required SED, C&I, CSD, PSY and EAF courses.
- Sequence-specific assessment: Passing score on communication proficiency interview prior to student teaching.

Specialist in Learning and Behavior Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Learning Behavior Specialist I.

- 27 hours Special Education Core.
- 24 hours required in sequence-specific courses including SED 377, 379, 382, 384, 385, 387; C&I 209; MAT elective.
- 12 hours SED 245 field experiences: 245.12 (4 hour), 245.13 (4/4 hours).
- 14 hours student teaching.
- Admission to Professional Studies is required prior to these courses: SED 204, 245.12, 245.13, 382, 384, 385, 387.

- A grade of C or better required in all SED, C&I, MAT, PSY and EAF courses.

Specialist in Low Vision and Blindness Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Visual Impairment.

- 27 hours Special Education Core.
- 28 hours required in sequence-specific courses including SED 350, 351, 352, 356, 357, 358, 377, and 379; C&I 209.
- 8 hours SED 245 field experiences: 245.04 (2 hours) and 245.14 (6 hours).
- 14 hours student teaching.
- Admission to Professional Studies is required prior to these courses: SED 204, 245.04, 351, 356, 357, 358.
- A grade of C or better is required in all required SED, C&I, PSY and EAF courses.
- Sequence-specific assessment: Braille proficiency tests.

Special Education Courses

101 THE EXCEPTIONAL LEARNER

3 sem. hrs.

Entry knowledge standards in special education foundations and characteristics of learners with disabilities.

130 AMERICAN SIGN LANGUAGE I

2 sem. hrs.

Introduce basic vocabulary, grammatical structure, and characteristics of American Sign Language. Examine application of American Sign Language in social and educational settings. Includes lab experience. Prerequisite: Majors only.

201 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS I

3 sem. hrs.

Entry knowledge for instruction of exceptional learners. Includes collaborative instruction and modifications in practice. Second course: SED Standards for All Educators. May Include Clinical Experiences: Approximately 10-20 hours. Prerequisite: SED 101.

202 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS II

3 sem. hrs.

Special educator roles in planning and delivering instruction. General and special perspectives on P-12 curriculum, modifications of instruction, and collaborative practice. May include Clinical Experiences: Approximately 10-20 hours. Prerequisite: SED 201.

203 MEASURING AND AFFECTING ACADEMIC AND SOCIAL BEHAVIOR I

3 sem. hrs.

Teaching as a reflective process. Fundamentals of data-based instructional design; evaluation of instruction; formal, alternative, and curriculum-based assessment. Includes Clinical Experiences: Approximately 10-20 hours. May require transportation. Materials charge optional. Prerequisites: SED 201 and 202 or concurrent registration in SED 202.

204 MEASURING AND AFFECTING STUDENT ACADEMIC AND SOCIAL BEHAVIOR II

3 sem. hrs.

Teaching as a reflective process. Affecting individual and group academic and social behaviors using behavior analysis and change technologies. Includes Clinical Experiences: Approximately 10-20 hours. Materials charge optional. Prerequisites: Admission to Professional Studies, SED 202 and 203.

230 AMERICAN SIGN LANGUAGE II

2 sem. hrs.

Expands vocabulary, grammatical structure, and characteristics of American Sign Language. Conversational usage in both receptive and expressive communication is stressed. Includes lab experience. Materials charge optional. Prerequisites: SED 130 or consent department chair.

245 FIELD WORK IN SPECIAL EDUCATION

1-8 sem. hrs.

Supervised clinical experiences in programs serving persons with disabilities including schools, clinical facilities, community agencies, or residential institutions. Includes satisfactory completion Clinical Experiences: 30-400 hours. Students are responsible for transportation to sites and housing if needed. May be repeated with consent of department chair. Topic .04 Low Vision/Blindness; Topic .08 Deaf and Hard of Hearing-Language; Topic .09 Deaf and Hard of Hearing-Speech; Topic .10 Deaf and Hard of Hearing-Reading and School Subjects; Topic .11 DHH Senior Practicum; Topic .12 Alternative Curriculum; Topic .13 Accessing General Curriculum. Prerequisites vary by topic. Prerequisite: Admission to Professional Studies or consent of department chair.

330 ENGLISH SIGN SYSTEMS

3 sem. hrs.

Examines the use of visual English systems in educational settings. Introduces basic school vocabulary and characteristics of English sign systems. Includes sign proficiency exam required for student teaching. Prerequisites: SED 130, 230; lab.

340 THE DEVELOPMENT OF LANGUAGE IN STUDENTS WHO ARE DEAF AND HARD OF HEARING

3 sem. hrs.

The study of the language development of children who are deaf and hard of hearing compared to normal language development.

350 INTRODUCTION TO VISUAL DISABILITIES

4 sem. hrs.

Impact of visual impairments on development; basic anatomy of the eye; types, causes, and educational implications of eye disorders; educational programming. Includes Clinical Experiences: Approximately 10 hours. Prerequisite: SED 101 or consent department chair.

351 EDUCATION AND ASSESSMENT OF STUDENTS WITH VISUAL DISABILITIES

3 sem. hrs.

Application of educational diagnosis to educational programming and instruction of individuals with visual disabilities. Prerequisites: SED 350 and 356, or consent department chair. Admission to Professional Studies.

352 BRAILLE READING AND WRITING

3 sem. hrs.

Preparation in reading and writing using the Braille Literary Code. Includes an introduction to Braille Textbook Format. Materials charge optional. Prerequisite: Consent department chair.

353 EDUCATION OF STUDENTS WHO ARE DEAF AND HARD OF HEARING

3 sem. hrs.

Psychological, social, historical, and educational issues relating to the education of individuals who are deaf and hard of hearing. Includes Clinical Experiences: approximately 10 hours. Prerequisite: SED 101.

354 TEACHING LANGUAGE TO DEAF AND HARD OF HEARING STUDENTS

3 sem. hrs.

Principles and techniques of developing and teaching language to deaf and hard of hearing students at all grade levels, P-12. Prerequisites: SED 130, 230, 330, 353 or consent department chair. Concurrent registration in SED 245.08. Admission to Professional Studies.

355 TEACHING SPEECH TO DEAF AND HARD OF HEARING STUDENTS

3 sem. hrs.

Principles and techniques of developing and teaching speech to hearing impaired students at all grade levels, P-12. Prerequisites: SED 354 and CSD 211 or consent department chair. Concurrent registration in SED 245.09. Admission to Professional Studies.

356 ASSISTIVE AND INSTRUCTIONAL TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS

4 sem. hrs.

Preparation in reading and writing using Nemeth Code in teaching mathematics and communication skills to individuals with visual impairments. Materials charge optional. Prerequisites: Admission to Professional Studies and SED 352.

357 ORIENTATION AND MOBILITY FOR CLASSROOM TEACHERS

2 sem. hrs.

Practicum in basic daily living skills and rudimentary mobility techniques for individuals with visual disabilities. Prerequisite: Admission to Professional Studies.

358 READING AND LANGUAGE ARTS FOR STUDENTS WITH VISUAL DISABILITIES

3 sem. hrs.

Development of competencies to teach reading and language arts to students who use print, braille, and auditory media. Instructional techniques and materials emphasized. Prerequisites: C&I 208 and 209; SED 350 and 352. Admission to Professional Studies.

359 TEACHING READING AND SCHOOL SUBJECTS TO DEAF AND HARD OF HEARING STUDENTS

3 sem. hrs.

Teaching reading and other core subjects to deaf and hard of hearing students at all grade levels. Prerequisites: SED 354. Concurrent registration in SED 245.10. Admission to Professional Studies.

373 FAMILY-PROFESSIONAL COLLABORATION
3 sem. hrs.

Theoretical and practical aspects of collaborating with professionals and with families of individuals with disabilities. Prerequisite: SED 101 or consent department chair.

**374 EDUCATIONAL ASSESSMENT OF
PRESCHOOL CHILDREN WITH DISABILITIES**
3 sem. hrs.

Techniques and issues involved in gathering, analyzing and synthesizing data for developing and monitoring individualized educational programs for preschool children with disabilities. Prerequisite: SED 101 or consent department chair.

**375 ASSESSMENT AND PLANNING FOR DEAF
AND HARD OF HEARING STUDENTS**
3 sem. hrs.

Examines assessment tools and techniques for developing an individualized educational program for students who are deaf and hard of hearing. Prerequisite: SED 359, or concurrent registration.

**377 COMMUNICATION STRATEGIES
FOR INDIVIDUALS WITH DISABILITIES**
3 sem. hrs.

Issues, intervention strategies, and technologies that can impact the communication skills of individuals with disabilities. Materials charge optional. Prerequisite: SED 101 or equivalent.

**379 ASSISTIVE TECHNOLOGY FOR
INDIVIDUALS WITH DISABILITIES**
3 sem. hrs.

Overview of a wide range of assistive technology devices and services for individuals with disabilities. Demonstration of devices, laboratory experiences, and identification of funding sources. Materials charge optional. Prerequisite: SED 101 or equivalent or consent department chair.

**382 CHALLENGING BEHAVIOR:
ANALYSIS AND INTERVENTION**
3 sem. hrs.

Theoretical and practical application of functional behavior assessment and analysis, and functional, academic, and behavioral programming. Prerequisites: SED 204.

**384 STRATEGIES FOR ACCESSING
THE GENERAL EDUCATION CURRICULUM**
3 sem. hrs.

Analysis and application of curriculum, instruction, and organizational strategies effective for learners with disabilities who access general education curricula. Prerequisites: Concurrent registration in SED 245.13. Admission to Professional Studies.

**385 LIFE SKILLS CURRICULUM ASSESSMENT
AND INSTRUCTIONS**
3 sem. hrs.

Analysis and application of conceptual models, methods and strategies for assessment and instruction in community-referenced life skills curriculum. Not for credit if had SED 383. Prerequisites: SED 203, 204 or concurrent registration, SED 387 or concurrent registration. Admission to Teacher Education, concurrent registration in SED 245.12.

**386 EARLY INTERVENTION FOR INFANTS AND
YOUNG CHILDREN WITH DISABILITIES**
3 sem. hrs.

Curriculum and organization of service delivery for young children with disabilities. Emphasizes birth to eight years of age. Prerequisites: SED 101 or equivalent.

**387 PERSONALIZING CURRICULA FOR
LEARNERS WITH DISABILITIES**
3 sem. hrs.

Analysis and application of approaches to personalizing curricula, including longitudinal planning, identifying modified and alternative educational priorities, and adapting settings. Not for credit if had SED 383. Prerequisites: SED 203, 204 or concurrent registration, SED 385 or concurrent registration. Admission to Teacher Education, concurrent registration in SED 245.12.



COLLEGE OF FINE ARTS

Dean: James Major, 116 Center for the Visual Arts.

Web address: IllinoisState.edu/finearts

The primary function of the College of Fine Arts, the Schools of Art, Music, and Theatre, and the program in Arts Technology is to provide professional education in the Arts for students desiring professional careers in select areas of the arts and for students preparing to be elementary, secondary, and college teachers. Various areas of concentration in undergraduate and graduate studies, including B.A., B.S., B.F.A., B.M., B.M.E., M.A., M.S., M.F.A., and M.M. programs, provide comprehensive and flexible curricula for a variety of student talents and interests. The College also provides a cultural environment through the performing and visual arts for the campus, community, and region.

Arts Technology Program (ATK)

575

Director: John Walker, 116 Center for the Visual Arts
phone: (309) 438-8321

Degrees Offered: B.A., B.S.

MAJOR IN ARTS TECHNOLOGY

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and web design.

Admission and Retention Requirements:

All students must undergo a portfolio review and/or an interview with the Arts Technology Admissions Committee before being admitted into the program. The Committee will evaluate admission requests from new beginning freshman, new transfer students, and internal transfers. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have met and continue to maintain a cumulative GPA of 2.50 and have demonstrated competency through an intermediate portfolio review.

Academic Requirements:

The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hours): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from ART 103, 104 or 109; and 2 hours from MUS 118 or 119, 121.10, or 126; and 6 hours (in two different Schools) from ART 155, 156; MUS 152; THE 170 or 171.

Arts Technology Core (8 hours): This group of courses provides the student with a foundation of study in digital media and multimedia design: ATK 201, 301; and 302.

Additional Fine Arts Study (18 hours): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the schools of Art, Music, or Theatre.

Art: 6 hours in addition to the Art course completed for the Fine Arts Core from ART 103, 104, or 109 and 12 hours from ART 226, 232, 233, 235, 236, 252, 261, 262, 284, 356, 357, or 363; or

Music: 6 hours in addition to the Music course completed for the Fine Arts Core from MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238); and 6 hours from MUS 100, 101 and 107, or 102 and 108; and 6 hours from MUS 167, 175, 203, 205 or 305, 207, 265, 360, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the School of Music for some of these courses; or

Theatre: 18 hours from THE 101, 102, 110, 119 and 120, 130, 160, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hours): Select from the following courses after completion of the Fine Arts Core, the Arts Technology Core, and the Arts Technology intermediate portfolio review.

- 3 hours from ATK 240, 300, 340, 345, or 380.
- 3 hours from ATK 300, ART/THE 359 with graphic topics, or ATK 380; and
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor: ATK 260, 300, 320, 340, 345, 380, 390; ART/THE 359; ART 253, 351.24, 351.85; or THE 367; (ATK 300 and 380 may be repeated with different topics or experiences).

Capstone Experience in Arts Technology (3 hours): Internship in Arts Technology (ATK 398 or comparable culminating experience in multimedia design as approved by the program advisor e.g. ART/MUS/THE 287 or ATK 260).

Arts Technology Courses (ATK)

201 BASIC SKILLS IN THE DIGITAL ARTS

2 sem. hrs.

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery. Formerly ART/MUS/THE 276. Prerequisite: Fine Arts major/minor or consent instructor.

240 SOUND DESIGN 1: PROPERTIES AND AUDIO TECHNOLOGIES

3 sem. hrs.

Developing a basic understanding of the properties and perceptions of sound, audio technologies, and their relationship to artistic applications. Formerly ART/MUS/THE 243.

260 ARTS TECHNOLOGY PERFORMANCE STUDIO

3 sem. hrs.

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production. Formerly ART/MUS/THE 206. Prerequisite: Consent instructor.

300 COMPUTER ARTS APPLICATIONS

1 sem. hr.

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts. May be repeated if content different. Formerly ART/MUS/THE 301. Prerequisite: Consent instructor.

301 SOFTWARE DESIGN IN THE ARTS I

3 sem. hrs.

Designing and programming microcomputer-based software which solve particular applications problems in the fine arts. Formerly ART/MUS/THE 387.

302 SOFTWARE DESIGN IN THE ARTS II

3 sem. hrs.

Designing on-line digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression. Formerly ART/MUS/THE 350. Prerequisites: ATK 301 or consent instructor.

320 PROGRAMMING DYNAMIC MEDIA

3 sem. hrs.

Introduction to the programming techniques and concepts for media-based interactivity, performance, and generative art. Prerequisite: Consent of instructor.

340 SOUND DESIGN 2: DIGITAL AUDIO

3 sem. hrs.

Exploring the medium of computer-based audio and its relationship to artistic applications. Formerly ART/MUS/THE 343. Prerequisites: ATK 240 or consent instructor.

345 SEQUENCING AND DIGITAL AUDIO

3 sem. hrs.

Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI. Formerly ART/MUS/THE 354. Prerequisite: Consent instructor.

380 SELECTED TOPICS IN ARTS TECHNOLOGY

3 sem. hrs.

Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts. Formerly ART/MUS/THE 388. May be repeated if content different.

390 DIRECTED PROJECTS/SEMINAR IN ARTS TECHNOLOGY

3 sem. hrs.

Pursuit of individualized creative projects in Arts Technology. May include periodic critiques with other students pursuing directed projects. May be repeated for a maximum of 6 hours. Prerequisite: Consent of instructor.

398 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION/INTERNSHIP IN ARTS MICRO-COMPUTER APPLICATIONS

2-6 sem. hrs.

Internship providing the opportunity to apply knowledge of arts technology in arts agencies, business and/or education settings. Formerly ART 398.09. Prerequisites: ATK 201; 1 course selected from ATK 301; MUS 211; or ART/THE 359. Junior/senior standing in area of concentration; 2.50 GPA.

ART (ART)

562

119 Center for the Visual Arts, (309) 438-5621

Web address: IllinoisState.edu/finearts

Email address: ISUArt@IllinoisState.edu

Director: James A. Crowley.

Tenured/Tenure-track Faculty:

Professors: Appel, Finch, Fisher, Kukla, Lee, Mai, McKinney, Rankin, Walker.

Associate Professors: Archer, Barroqueiro, Beckner, Bushell, Iorio, J. Johnson, Justis, Lermack, Lieberman, Lotz, Miller, O'Donnell, Oresky, Smelser, Stewart, Wille.

Assistant Professors: Briggs, Fischer, Friedman, Gadapee, M. Johnson, Shekara, Stafford.

General School Information

Accreditation:

The School of Art is accredited in Division I by the National Association of Schools of Art and Design and the National Council for Accreditation of Teacher Education.

Academic Requirements:

All incoming undergraduate students are initially enrolled in the B.A. or B.S. programs, depending on their interests. Those who wish to apply to the B.F.A. program do so no earlier than the second semester during their sophomore year. See below for further information on these degree programs and their requirements.

The School of Art expects regular class attendance and supports faculty members who choose to reduce course grades for lack of participation, including excessive absences.

HONORS IN ART

Art majors and B.F.A. candidates with superior academic records are invited to apply for admission to the School of Art Honors Program. Students successfully completing the Honors Program will receive the designation of Honors in Art in their field of study upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

The candidate must:

- Be a declared Art major or admitted to the B.F.A. program with at least 60 and not more than 90 hours of course work completed;
- Have a minimum 3.30 overall GPA;
- Have a minimum 3.50 School of Art GPA;
- Submit a letter of recommendation from a faculty member in the student's sequence (Studio Arts, Graphic Design, Art History, Teacher Education);
- Have demonstrated evidence of leadership by participating in student organizations or entering exhibitions or receiving recognition for written work;
- Submit a letter of application to the School of Art Honors advisor.

Honors Program Requirements:

- Successfully complete a minimum of 3 hours of School of Art honors courses each semester for a total of 12 honors hours prior to graduation (2 specific honors courses; 2 honors independent study—299 courses);
- Initiate and complete a research project or honors portfolio under the direction of a faculty member in the student's sequence;
- Maintain a 3.30 overall GPA;
- Maintain a 3.50 School of Art GPA;
- Receive no grade less than B in any Art course while enrolled in the program;
- Fulfill the general requirements for participation in the University Honors Program.
- **NOTE:** Once admitted to the School of Art Honors Program, the honors candidate will be advised by the School of Art honors advisor, who must approve the candidate's course of studies each semester.

Art Programs

Degrees Offered: B.A., B.S., B.F.A.

MAJOR IN ART (B.A., B.S.)

Academic Requirements:

Students seeking admission to the Major in Art must comply with criteria established by the School of Art, including submission of a portfolio of work for review by the School. Students interested in the Art History Sequence will submit a statement explaining their interest in the field, in lieu of the portfolio. Specific requirements for the portfolio and statement may be obtained from the School office.

To graduate with a Major in Art (B.A., B.S.) students must complete all requirements of one of the School of Art's

Sequences: Studio Arts, Graphic Design, Art History, or Teacher Education. They must also earn grades of C or better and maintain a 2.50 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.00. Individual sequences may have higher requirements. Courses in the Major may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the Major for which they earned lower than a grade of C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School.

NOTE: Admission to some Sequences in Art may be restricted by the lack of available School resources, especially in times of oversubscription.

All Sequences in the Major in Art require successful completion of the Art History Core, the Foundations program appropriate to that sequence, a series of courses specific to the chosen sequence, and electives in Art. Students must complete all Sequence Foundations courses before being permitted to continue in one of the sequences in the Art major; gifted students may be allowed to take 200-level courses in their areas of interest during the freshman year, pending approval of the School. Students must also complete all Art History Core courses before they may enroll in 300-level Art History courses. Requirements for each Sequence are described below. NOTE: Some Sequences, Graphic Design for example, have screening procedures that students must pass before being accepted; information on these may be found in the School of Art office.

Students must make every effort to complete the required Foundations courses in their first three semesters in the program. Under most circumstances students will formally declare intention to enter a particular sequence in the Art major in the second semester of the sophomore year. Students will arrange to participate in screening requirements for their preferred sequence; those not accepted into competitive sequences may be reconsidered the following semester and should consult with appropriate faculty for advice before rescreening. Also in the sophomore year, students will begin enrolling in courses appropriate to their sequence of interest. In the case of the Studio Arts Sequence, this also requires declaring a specific Discipline Area in consultation with the School's academic advisor. Required courses for the various Disciplines are listed below.

Studio Arts Sequence:

Degrees offered: B.A., B.S.

The Studio Arts Sequence emphasizes both breadth and depth of competence in Studio-based Art disciplines. It expands students' horizons beyond the Foundations level with work in a variety of media and disciplines. By requiring intensive study, it develops depth within at least one Studio discipline (ceramics, drawing, glass, intaglio, lithog-

raphy, metalwork and jewelry design, painting, photography, sculpture, video or wood). It likewise encourages exploration of new genres that break through traditional boundaries between disciplines and media. This sequence prepares students to work as visual arts professionals or pursue graduate studies.

- 54 hours in Art required as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours Studio Arts Foundations: ART 103, 104, 109.
- 36 hours of Sequence requirements and electives in Art, which must include:
 - (1) at least 9 hours in the chosen discipline area, along with any other courses listed below as appropriate to that discipline;
 - (2) at least 12 hours at the 200-level in various media and disciplines, including the specific courses recommended for each discipline area listed below;
 - (3) either ART 379 or 385 and at least one additional 300-level Art History course in a pre-20th century period;
 - (4) at least 6 hours in 300-level Studio courses.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Studio Arts Sequence.
- **NOTE:** 300-level courses within the various Discipline Areas may be repeated.

Discipline Areas in Studio Arts: Students in the Studio Arts Sequence will choose one of the following disciplines as a means of developing extended awareness and competence through intensive engagement in a particular area of the Studio Arts. The groups of courses shown below for each discipline include: (1) the courses required within that discipline (students will normally enroll in the initial course in the sophomore year), and (2) additional courses deemed appropriate for the discipline, which students are expected to include when selecting electives. These additional courses include Studio courses that fulfill the requirements for electives in Art noted above; they may also include non-Studio or non-Art courses that serve as general electives. Students are encouraged to consult with faculty members in their Discipline Areas for advice on choosing electives that will complement their individual interests.

Ceramics: ART 228, 229 and 328; 232 and 234; 213 and 3 hours from drawing, intaglio, lithography, painting, photography, or video.

Drawing: ART 213, 214, 313 and 331; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; either 235 or 252; either 245 or 246, and 261.

Glass: ART 255, 355 and 364; 232 and 3 hours from ceramics, metalwork and jewelry design, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Intaglio: ART 245, 345 and 347; 232 and 3 hours from ceramics, glass, metalwork and jewelry design or wood; 213 and 261.

Lithography: ART 246, 346 and 347; 232 and 3 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 213 and 261.

Metalwork and Jewelry Design: ART 224, 225 and 324; 232 and 3 hours from ceramics, glass, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Painting: ART 261, 262, 360 and 361; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; either 235 or 252; either 245 or 246; and 213.

Photography: ART 235, 236, 335, 383, and 6 hours from 252, 253, 333, 351.16, 356, 358; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 3 hours from drawing, intaglio, lithography, painting or graphic design.

Sculpture: ART 232, 233 and 332; 228 and 3 hours from ceramics, glass, metalwork and jewelry design or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Video: ART 252, 253 and at least 3 hours of 351.84; 235 and ATK 201; 6 hours of other electives chosen in consultation with Video faculty and according to whether students' interests in Video tend toward (A) narrative, (B) installation, or (C) multimedia/digital applications. Recommended electives for these applications include: (A) ART 236, 349, 356; ATK 345; THE 153, 170, 261, 370; or (B) ART 232, 349; ATK 345; THE 170, 261, 370; or (C) ART 349, 356; ATK 260, 300, 302, 345, 380; THE 261.

Wood: ART 234, 344 and 351.45; 232 and 3 hours from ceramics, glass, metalwork and jewelry design, glass or sculpture; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Restricted Admission to a Discipline Area:

In times of oversubscription and limitations on resources within the School of Art, some Discipline Areas may require faculty screening of students' supportive materials before allowing individual students to enroll in the second course in that Discipline.

Graphic Design Sequence:

Degrees offered: B.A. B.S.

The Graphic Design Sequence not only includes education in the fundamentals of Studio Art and Art History, but also a concentrated program of study that prepares students to enter the competitive field of Graphic Design.

- 54 hours in Art required, as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours Graphic Design Foundations: ART 103, 104, 109.
- 36 hours required sequence courses: ART 216, 226, 227, 235, 302, 315, 323, 326, 336, 337; 3 hours from 213, 245, 246, 252, 261, 359; ATK 380; 3 hours from any 300-level Art History course.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Graphic Design Sequence.

Admission-Retention Requirements for the Graphic Design Sequence:

Students will be admitted to the Graphic Design Sequence who have completed the Graphic Design Foundations and ART 226, be enrolled in or have completed ART 227 at the time of screening, have at least a cumulative and major 2.50 GPA, and have demonstrated competency through a portfolio review. The number of students admitted may vary depending on program capacity and qualifications of applicants in the pool. Consult the School of Art for further information on admission to the Graphic Design Sequence.

Students will be allowed to remain in the Graphic Design Sequence if they continue to maintain a cumulative and major 2.50 GPA. Students whose cumulative or major GPA falls below 2.50 will not be allowed to register for Graphic Design courses until the GPA has been raised to a 2.50 or higher.

Art History Sequence:

Degree offered: B.A.

The Art History Sequence provides students a solid grounding in the history of art on both introductory and advanced levels. In addition, the sequence includes exposure to related disciplines outside the visual arts, training in foreign language, and experience in advanced research and writing skills. Together, these requirements prepare students for effective graduate work in Art History or other fields and for positions in a variety of art- and non-art-related fields.

- 39 hours in Art required, as follows:
 - 9 hours Art History Core: ART 155, 156, 257.
 - 6 hours Art History Foundations: ART 275, 290.
 - 24 hours required sequence courses: 24 hours of 300-level Art History courses, including ART 395 and at least 1 course from each of the following 4 broad historical periods:
 - I. Ancient/Medieval: ART 366, 367, 368, 369.
 - II. Renaissance/Baroque: ART 375, 376, 377.
 - III. Modern/Contemporary: ART 372, 373, 378, 379, 383, 385.
 - IV. American: ART 380, 381, 382.
- 21 hours required in other Departments: ENG 145; HIS 101, 102; and a minimum of 3 semesters (12 hours) French, German, Italian or Spanish.
- At least 15 additional hours electives, including 9 hours required in courses related to Art History offered by the following departments/schools: Anthropology; English; Languages, Literatures, and Cultures; History; Music; Philosophy; Theatre. Students are encouraged to consult with Art History faculty for advice on choosing electives in Art History and in other departments that will complement their own areas of interest. Faculty are also available for consultation on preparing for graduate school.
- **NOTE:** ART 201, 207, 211, 307, and 309 do not count toward the Art History Sequence.

- **NOTE:** Students may combine Art History and Studio by declaring a second Sequence in Studio Arts and fulfilling all requirements for both sequences. This will include submitting a portfolio of art work for admission.

Admission-Retention Requirements for Art History Sequence:

Students will be admitted to the Art History Sequence who achieve grades of B or better in ART 155, 156 and 257, then pass the sequence screening requirements. See the School of Art office for more information on screening requirements. Students will be allowed to continue in the sequence if they maintain a minimum cumulative and major GPA of 2.50.

Teacher Education Sequence:

Degree offered: B.S

The Teacher Education Sequence is a program that emphasizes a comprehensive approach that supports state and national student learning standards and teaching performance standards in the visual arts. Also stressed are creative and critical thinking, studio techniques, understanding the learner and developing skills to become an effective teacher. Students completing this sequence are eligible to apply for K-12 teaching certification in art in the State of Illinois.

- 83 hours in Art and Professional Education required. Part of entitlement program leading to certification: Special K-12. All Art majors planning to become certified teachers must apply for and be admitted to the University Teacher Education program (see University-Wide Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Grades of C or better in all Art and Education courses, and a 2.80 cumulative and major GPA are required for admission and retention in this sequence. Students must submit a portfolio of 15-20 recent art works and be interviewed by art education faculty prior to acceptance into the Art Teacher Education Sequence. Acceptance is required before registering for ART 201 and C&I 212. Continuation in the Art Teacher Education Sequence is not automatic. Students' performance will be evaluated each semester.
- 57 hours in Art required, as follows:
 - 9 hours Art History Core: ART 155, 156, 257.
 - 9 hours Art Teacher Education Foundations: ART 103, 104, 109.
 - 33 hours required sequence courses: ART 201, 211, 307, 309 (2 consecutive semesters starting in the fall); ART 213, 228, and 261; 3 hours from ART 224, 232, 255; either ART 379 or 385 and at least one additional Art History course from 100-, 200-, or 300-level (ART 275 is strongly recommended).
 - 6 hours Art electives, that must be taken in a single discipline.
 - 26 hours Professional Education requirements: C&I 212, 214, 216; PSY 215; EAF 228 or 231 or 235; STT 399 (12 hours - entire semester experience).

NOTE: All Teacher Education students are required to pass the State of Illinois Basic Skills Test in read-

ing, writing, and mathematics before registering for C&I 216 and ART 309. For this reason, students should take the State of Illinois Basic Skills Test (fee required) as early as possible. Students are required to pass the Illinois K-12 Art Content Exam, submit a Criminal Background Check and a negative TB test prior to student teaching.

The sequence in Teacher Education may also be combined with a Sequence in Studio Arts, Graphic Design, or Art History. Pursuing a double sequence may require additional semesters. However, this option is strongly recommended to prepare students better for teaching art in the public schools of today. See catalog copy under the other sequences for further information, including Discipline Areas within the Studio Arts.

Students are also encouraged to take course work in Urban Education and Languages, Literatures, and Cultures.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN ART

Students must earn grades of C or better and maintain a 2.50 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.00. Individual sequences may have higher requirements. Courses in the minor may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the minor for which they earned

lower than a grade of C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School.

Art History Sequence:

- 24 hours in Art required, as follows:
- 12 hours required courses: ART 140, 155, 156, 257.
- 12 hours of electives in 300-level Art History courses, as follows: ART 351.30, 366, 367, 368, 369, 372, 375, 376, 377, 378, 379, 380, 381, 382, 383, 385, 395, and 398.08.

Teacher Education Sequence:

- 24 hours in Art required, as follows:
- 9 hours required courses: ART 103, 104, 109.
- 3 hours from ART 155, 156, 257.
- 3 hours of ART 309.
- 3 hours of ART 201 or 211.
- 6 hours of Art courses from 213, 224, 226, 228, 232, 234, 235, 252, 255, 261.

Provides appropriate requirements for teaching art for individuals who hold an elementary or a secondary teaching certificate.

The Minor in Art Teacher Education Sequence does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Web site (www.isbe.net) for specific certification requirements.

Bachelor of Fine Arts Program

The Bachelor of Fine Arts (B.F.A.) degree program is a highly selective program oriented toward advanced professional study in the studio arts. Students accepted into this program have additional opportunities beyond those of the B.A./B.S. programs to specialize in a particular studio art discipline in preparation for graduate study for the M.F.A., the terminal degree program in this field, and/or careers in professional art fields. Further information on the B.F.A. program can be found in the School of Art office.

MAJOR IN ART

- 83 hours in Art required as follows:
- 9 hours in Art History Core: ART 155, 156, 257.
- 9 hours B.F.A. Foundations: ART 103, 104, 109.
- 20 hours required courses: 6 hours from ceramics, metalwork & jewelry design, glass, sculpture, wood; 6 hours from drawing, intaglio, lithography, painting, photography, video; ART 349, 363, and 394.
- 12 hours advanced Art History: ART 379 and 385 and any two additional 300-level Art History courses, at least one of them in a pre-20th century period.
- 33 additional hours in a specialization in any Discipline Area offered by the School and selected in consultation with the faculty mentors. (See list of Discipline Areas above, under Major in Art (B.A.,

B.S.), Studio Arts Sequence, in this *Undergraduate Catalog*.) A specialization that combines Discipline Areas may also be developed in consultation with and must be approved by faculty mentors and the B.F.A. Committee of the School of Art.

— **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the major.

Admission-Retention Requirements for the B.F.A.

Students may apply to the B.F.A. Degree program beginning in their sophomore year. Students seeking admission to the B.F.A. program must have a minimum 3.00 cumulative and major GPA and must submit a portfolio of creative work to the School of Art for the competitive portfolio review that is part of the admission process. Further information on admission requirements for the B.F.A. program is available from the School's undergraduate academic advisor. Students will be allowed to remain in the program if they maintain a minimum cumulative and major GPA of 3.00.

To graduate with a B.F.A., all students are also required to organize and present a solo exhibition of their work during the final year. This exhibition must be accompanied by a public oral presentation, an exit portfolio and a written supportive statement approved by the student's B.F.A. faculty mentors.

Art Courses

The School of Art reserves the right to keep for demonstration and exhibition examples of work done by students for course requirements.

103 VISUAL THINKING: 2-D FUNDAMENTALS 3 sem. hrs.

Concepts fundamental to all studio offerings. Exploration of elements and principles of visual language. Development of visual and conceptual ideas. Materials charge optional.

104 VISUAL THINKING: DRAWING FUNDAMENTALS 3 sem. hrs.

Concepts fundamental to all studio offerings. Emphasis on direct observation, developing pictorial space and drawing concepts, practiced with traditional materials. Materials charge optional.

109 VISUAL THINKING: 3-D FUNDAMENTALS 3 sem. hrs.

Concepts fundamental to all studio offerings. Use of a variety of materials to explore fundamental 3-dimensional design concepts. Introduction to the use of hand and power tools. Materials charge optional.

155 SURVEY OF ART I 3 sem. hrs.

Arts from prehistoric times to end of Medieval period, circa 1400.

156 SURVEY OF ART II 3 sem. hrs.

Art and architecture in Western Europe from the late Middle Ages through the 18th century.

176 ARTS AND SOCIETY: VISUAL ARTS 3 sem. hrs. OC-FA

Examination of the relationship between the visual arts and their political/social culture. Prerequisites: ENG 101; COM 110.

183 PUPPETRY 3 sem. hrs.

Introductory course on the art of puppetry. Course gives students understanding of the theoretical and practical implementation of the art of puppetry. Also offered as THE 183.

201 MEDIA, TECHNIQUES AND INQUIRY FOR ELEMENTARY AND MIDDLE LEVEL SCHOOLS 3 sem. hrs.

Media, techniques, and inquiry suitable for elementary and middle level schools. Clinical Experience: 10 hours. May Include Clinical Experience: Types 1-4, and 9. Materials charge optional. Prerequisites: ART 103, 104, 109. Art Education major only or consent School.

204 ARTS FOR ELEMENTARY SCHOOLS: VISUAL ART 3 sem. hrs.

Theoretical, practical, and experiential learning for developing awareness, knowledge and skills in visual art with an emphasis on integrating the arts. Materials charge optional. Prerequisites: Completion of 45 hours. Overall GPA 2.50. Elementary Education major only.

208 ARTS FOR EARLY CHILDHOOD: VISUAL ART 3 sem. hrs.

Theoretical, practical, and experiential learning for developing knowledge and skills in visual art with emphasis on integrating the arts. Not for credit if had C&I 283. Prerequisites: Completion of 30 hours. Early Childhood Education major only.

211 MEDIA, TECHNIQUES AND INQUIRY FOR SECONDARY SCHOOLS 3 sem. hrs.

Media, techniques and inquiry suitable for secondary schools. Clinical Experience: 10 hours. May Include Clinical Experience: Types 1-4, and 9. Materials charge optional. Prerequisites: ART 103, 104, 109; Teacher Education Sequence only or consent School. C or better in ART 201.

213 LIFE DRAWING I 3 sem. hrs.

Introduction to drawing the human figure from direct observation. Anatomical structure, pictorial structure and expression. Discussion and critiques. Materials charge optional. Prerequisites: ART 103, 104, 109; or consent instructor and School.

214 DRAWING COMPOSITION 3 sem. hrs.

Expanded concepts of drawing, alternative forms of imaging, contemporary issues and related formal concerns. Readings, discussion and critiques. Materials charge optional. Prerequisites: ART 103, 104, 109, 213 or consent instructor and School.

216 GRAPHIC DESIGN HISTORY**3 sem. hrs.**

Survey of Graphic Design History with an emphasis on movements, significant figures and technological advancements in the field since 1800. Does not fulfill program requirements for Art History credit. Formerly ART 316. Prerequisites: ART 155, 156, 257.

224 METALWORK AND JEWELRY DESIGN I**3 sem. hrs.**

Introduction to the tools, techniques, and fabricating processes used for creating in metals. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent instructor and School.

225 METALWORK AND JEWELRY DESIGN II**3 sem. hrs.**

Further exploration of fabrication and casting techniques; emphasis on surface treatment such as repousse', etching, lamination, and inlay. Materials charge optional. Prerequisites: ART 103, 104, 109, 224.

226 GRAPHIC DESIGN I**3 sem. hrs.**

Basic graphic design techniques. Includes study of letter forms and design procedures. Practice in rendering skills. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent instructor and School.

227 GRAPHIC DESIGN II**3 sem. hrs.**

Application of design techniques to visual communications media. Emphasis on combining lettering with illustrational elements in preparation for reproduction processes. Materials charge optional. Prerequisites: ART 103, 104, 109, 226.

228 CERAMICS I**3 sem. hrs.**

Introduction to the physical characteristics of clay. Basic hand building and firing processes explored. Introduction to glaze processes. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent instructor and School.

229 CERAMICS II**3 sem. hrs.**

An expansion of hand building methods and the introduction of wheel-throwing techniques. Glazing and firing methods emphasized. Materials charge optional. Prerequisites: ART 103, 104, 109, 228.

232 SCULPTURE I**3 sem. hrs.**

Exploration of sculpture techniques and materials within context of historical developments. Introduction to 3-dimensional spatial concerns. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent instructor and School.

233 SCULPTURE II**3 sem. hrs.**

Further exploration of sculpture techniques and materials. Advanced 3-dimensional spatial concerns presented within a context of art historical development. Materials charge optional. Prerequisites: ART 103, 104, 109, 232.

234 WOOD I**3 sem. hrs.**

Studio course exploring wood as a design medium. Materials charge optional. Prerequisites: ART 103, 104, 109 or consent instructor and School.

235 PHOTOGRAPHY I**3 sem. hrs.**

Photography as an art form. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent instructor and School.

236 PHOTOGRAPHY II**3 sem. hrs.**

Further study of photography as an art form. Individual exploration of techniques and subjects. Materials charge optional. Prerequisites: ART 103, 104, 109, 235 or consent instructor.

245 INTAGLIO I**3 sem. hrs.**

Introduction to intaglio processes. Techniques such as etching, engraving, dry point, and aquatint within context of pictorial spatial understanding. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent instructor and School.

246 LITHOGRAPHY I**3 sem. hrs.**

Introduction to lithographic processes. Techniques on stone and aluminum plates with airbrush, crayon, and tusche drawing within context of pictorial spatial understanding. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent instructor and School.

252 VIDEO I**3 sem. hrs.**

Video as a creative medium emphasizing experimental, narrative and nonnarrative production; screenings of video art, film and television. Materials charge optional. Prerequisites: ART 103, 104, 109, or consent instructor and School.

253 VIDEO II**3 sem. hrs.**

Video as a creative medium emphasizing digital editing and multimedia as well as conceptual and formal strategies for personal expression. Materials charge optional. Prerequisites: ART 103, 104, 109, 252.

255 GLASS I**3 sem. hrs.**

An introduction to the use of glass as an artist's material, concentrating on "hot-forming" processes. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent instructor and School.

257 SURVEY OF ART III**3 sem. hrs.**

The major developments in European painting, sculpture, and architecture from the Romantic period, circa 1775, to the present.

261 PAINTING I**3 sem. hrs.**

Experimental work with variety of transparent and opaque painting media. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent instructor and School.

262 PAINTING II**3 sem. hrs.**

Problems of pictorialization and survey of contemporary trends in painting. Materials charge optional. Prerequisites: ART 103, 104, 109, and 261.

275 WORLD ARTS: VISUAL ARTS OC-FA**3 sem. hrs.**

Studies in the visual arts of cultures other than the United States mainstream and Western Europe. Not for credit if had ART 140. Prerequisites: ENG 101; COM 110; MC-LH category.

284 INTEGRATED MEDIA I**3 sem. hrs.**

Intermediate digital imaging and dynamic media. Theory and assigned studio work bridging digital and traditional practices. Prerequisites: ART 103, 104, 109; ATK 201 and ART 235 or ART 252 or consent instructor and School.

290 ART HISTORY RESEARCH AND PROFESSIONAL SKILLS**3 sem. hrs.**

An introduction to the discipline focusing on research skills, methods of art historical inquiry and professional practice. Prerequisites: ART 155, 156, 257 and 275 or consent instructor and School.

302 GRAPHIC DESIGN FOR THE WEB**3 sem. hrs.**

Graphic Design studio course introducing students to the concerns and design issues appropriate to web environments. Prerequisites: ART 103, 104, 109, 226, 227, and 326.

307 ART FOR DIVERSE POPULATIONS**3 sem. hrs.**

Various approaches to the development and conduct of appropriate art experiences in school and community programs for diverse populations. Clinical Experience: 10 hours. May Include Clinical Experience: Types 1-4, 6 and 9. Formerly *ART FOR ATYPICAL INDIVIDUALS*. Prerequisites: ART 103, 104, 109; Art Teacher Education Sequence, consent School.

309 PROFESSIONAL ART EDUCATION SEQUENCE**3 sem. hrs.**

Sequential semesters focus on art learning theory, teaching methodology, and pre-student teaching clinical experiences in Art Education K-12. Must be repeated by Art Education major for total of 6 hours 2 consecutive semester sequences starting in fall. Includes Clinical Experience: 20 hours. May Include Clinical Experience: Types 1-4, 6 and 9. Prerequisites: ART 103, 104, 109; grade of C or better in C&I 216 or concurrent registration. Grade of C or better in ART 201 and 211 or consent School. Complete all requirements for Admission to Professional Studies including passing all sections State of Illinois Basic Skills Test. Art Education major only; others by consent School.

313 LIFE DRAWING II**3 sem. hrs.**

Advanced study of the human figure as subject. Emphasis on concepts of figuration and media exploration. Reading and participatory critiques. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 213, and 214.

315 TOPICS IN GRAPHIC DESIGN**3 sem. hrs.**

Studio/seminar course covering special topics related to Graphic Design. May be repeated if different topic. Prerequisites: ART 103, 104, 109, 227.

323 TYPOGRAPHY**3 sem. hrs.**

Advanced course which emphasizes the practical and aesthetic concerns of typography as a means of communication and visual expression. Materials charge optional. Prerequisites: ART 103, 104, 109, 227.

324 METALWORK AND JEWELRY DESIGN III**3 sem. hrs.**

Advanced metalworking with an emphasis on volume and color, including raising, repoussé, forging, and various enameling techniques. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 224, 225.

325 ADVANCED METALWORK AND JEWELRY DESIGN**3 sem. hrs.**

Elaboration upon metalworking skills previously acquired, allowing development of a strong personal direction. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109 224, 225, and 324 and consent instructor.

326 GRAPHIC DESIGN III**3 sem. hrs.**

Transition course using skills, techniques, concepts learned earlier, applying them to problems of contemporary expression. Preparation to study independently. Materials charge optional. Prerequisites: ART 103, 104, 109, 226, 227 and acceptance into Graphic Design Sequence.

328 CERAMICS III**3 sem. hrs.**

Experiences in wheel and hand building processes with an emphasis on individual exploration of ideas through ceramic media. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 228, 229.

331 ADVANCED DRAWING**3 sem. hrs.**

Transition course using the skills, techniques, and concepts learned earlier; applying them to problems of contemporary expression. Preparation to study independently. May be repeated. Prerequisites: ART 103, 104, 109, and 214.

332 SCULPTURE III**3 sem. hrs.**

Individualized problems exploring techniques, concepts encountered earlier, now applied to problems of contemporary expression. Preparation to study independently. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 232, 233.

333 TOPICS IN ADVANCED PHOTOGRAPHY**3 sem. hrs.**

Advanced photography course focusing on different topics each semester. Seminar format with topics relating to assigned studio work. May be repeated if content differs. Materials charge optional. Prerequisites: ART 103, 104, 109, 155, 156, 235, and 236 or consent instructor.

335 PHOTOGRAPHY III**3 sem. hrs.**

Advanced problems in photography as an art form. Emphasis upon individual exploration of the medium. Preparation to study independently. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 235, 236.

336 GRAPHIC DESIGN IV**3 sem. hrs.**

Advanced studio work exploring design techniques applied to advertising, packaging, and display media. Materials charge optional. Prerequisites: ART 103, 104, 109, 326.

337 GRAPHIC DESIGN V**3 sem. hrs.**

Advanced Graphic Design course focusing on portfolio preparation and professional self-promotional presentation skills. Materials charge optional. Prerequisites: ART 103, 104, 109, 336.

344 WOOD II**3 sem. hrs.**

Studio exploration of wood as a medium of personal expression. Materials charge optional. Prerequisites: ART 103, 104, 109, 243.

345 INTAGLIO II**3 sem. hrs.**

Further study of intaglio processes with greater emphasis on intaglio as an expressive medium. Introduction to color possibilities. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 245.

346 LITHOGRAPHY II**3 sem. hrs.**

Further study of lithographic processes with greater emphasis on lithography as an expressive medium. Introduction to color possibilities. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 246.

347 ADVANCED PRINTMAKING**3 sem. hrs.**

Advanced study of printmaking. Emphasis on contemporary printmaking issues related to content, directions in printmaking, and exploration of all print media. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 245 and 345 or 246 and 346.

349 VISITING ARTIST SEMINAR**2 sem. hrs.**

A seminar-type class, taught by visiting artists and members of the School of Art faculty, focusing upon contemporary issues of fine arts and the creative process. May be repeated. Prerequisites: Art major or consent instructor.

351 SPECIAL PROJECTS IN ART**2-6 sem. hrs.**

Special projects in any area in Art, chosen by the student for advanced investigation with the written approval of the instructor. May not duplicate existing courses. May be repeated. May Include Clinical Experience: Type 1-4, 6, 8, and 9. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent instructor.

352 RENDERING FOR INTERIOR DESIGNERS**3 sem. hrs.**

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Not for credit Art major/minor. Also offered as FCS 352. Prerequisites: TEC 211 and FCS 242, or ART 103 and 104, or consent instructor.

355 GLASS II**3 sem. hrs.**

Advanced class further exploring glass as an artist's material and addressing the application of color and "warm" glass processes. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 255 and consent instructor and School.

356 COLOR PHOTOGRAPHY**3 sem. hrs.**

An introduction to basic color photography techniques with an emphasis on color photography as a fine art medium. Materials charge optional. Prerequisites: ART 103, 104, 109, 236 or 335 and consent instructor.

357 INTEGRATED MEDIA II**3 sem. hrs.**

Advanced interdisciplinary course exploring mediated strategies in performance, site and installation work. Includes theory and assigned studio work. Prerequisites: ART 284 (ART 103, 104, 109, ATK 201, and ART 235 or 252) or consent of instructor and School.

358 SOCIAL DOCUMENTARY PHOTOGRAPHY**3 sem. hrs.**

Studio practice in social documentary photography. An examination of the artist's role as social observer and documentarian. Prerequisites: Consent of instructor.

359 COMPUTER-BASED ART AND GRAPHIC DESIGN**3 sem. hrs.**

Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts. Also offered as THE 359. Materials charge optional. Prerequisite: ATK 201 or consent instructor.

360 PAINTING III: NON-REPRESENTATIONAL ABSTRACTION**3 sem. hrs.**

Introduction to abstraction, forming content through non-representational imagery. Possible inclusion of digital imagery. Reading and participatory critiques. Formerly ART 263. Materials charge optional. Prerequisites: ART 103, 104, 109, 262.

361 PAINTING IV**3 sem. hrs.**

Transitional course. Students encouraged to explore personal directions in close consultation with instructor. Preparation for study on an independent basis. May be repeated. Prerequisites: ART 103, 104, 109, 261, 262, and 263 or 360.

362 AQUEOUS MEDIA**3 sem. hrs.**

Watercolor as an expressive medium. Techniques and study of masters of watercolor; emphasis on creating pictorial space by illusion, color, and the use of transparency. Materials charge optional. Prerequisites: ART 103, 104, 109, 261.

363 COLOR THEORY

3 sem. hrs.

Theoretical and historical premises for making work organized by color, emphasizing interaction of surface color and light. Prerequisites: ART 103, 104, 109.

364 ADVANCED GROUP STUDIES IN GLASS

3 sem. hrs.

A studio/seminar format class, dealing with image/object realization, and the development of greater verbal, written and visual articulation skills. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 255 and 355 or consent instructor.

366 ART OF THE ANCIENT NEAR EAST

3 sem. hrs.

Art and architecture of early civilizations of Egypt, Mesopotamia, and peripheral areas from circa 8000 B.C. to circa 300 B.C. Prerequisites: ART 155, 156, 257 or consent instructor and School.

367 GREEK ART

3 sem. hrs.

Greek art and architecture from circa 1500 B.C. through the Hellenistic period. Prerequisites: ART 155, 156, 257 or consent instructor and School.

368 ROMAN ART AND ARCHITECTURE

3 sem. hrs.

Roman art and architecture in Italy and the provinces from the late Republic through the early 4th century A.D. Prerequisites: ART 155, 156, 257 or consent instructor and School.

369 HISTORY OF MEDIEVAL ART AND ARCHITECTURE

3 sem. hrs.

Art and architecture of Europe from circa 500 A.D. to the Renaissance. Prerequisites: ART 155, 156, 257 or consent instructor and School.

372 MODERN ARCHITECTURE I

3 sem. hrs.

European and American architecture since the Industrial Revolution to the late 19th century. Prerequisites: ART 155, 156, 257 or consent instructor and School.

373 MODERN ARCHITECTURE II

3 sem. hrs.

European and American architecture and its impact on the world from 1900 to the present. Prerequisites: ART 155, 156, 257 or consent instructor and School.

375 ITALIAN RENAISSANCE ART AND ARCHITECTURE

3 sem. hrs.

Art and architecture in Italy from the late Middle Ages through the 16th century. Prerequisites: ART 155, 156, 257 or consent instructor.

376 NORTHERN RENAISSANCE ART

3 sem. hrs.

Painting and sculpture in France, Flanders, and Germany from the late Middle Ages through the 16th century. Prerequisites: ART 155, 156, 257 or consent instructor.

377 BAROQUE AND ROCOCO ART AND ARCHITECTURE

3 sem. hrs.

Art and architecture in Western Europe from the late 16th through the 18th century. Prerequisites: ART 155, 156, 257 or consent instructor.

378 EUROPEAN ART FROM ROMANTICISM THROUGH IMPRESSIONISM

3 sem. hrs.

Art in Europe from the mid-18th century to c. 1885. Formerly *ART IN EUROPE FROM THE AGE OF ROMANTICISM THROUGH IMPRESSIONISM*. Prerequisites: ART 155, 156, 257 or consent instructor and School.

379 MODERN ART

3 sem. hrs.

Painting and sculpture in Europe and America from the late 19th century to 1970. Prerequisites: ART 155, 156, 257 or consent instructor and School.

380 ART IN THE UNITED STATES I: COLONIAL ERA TO THE EARLY REPUBLIC

3 sem. hrs.

Art and architecture in the regions of North America that became the United States from c. 1600-1825. Prerequisites: ART 155, 156, 257 or consent instructor and School.

381 ART IN THE UNITED STATES II: ROMANTICISM TO EARLY MODERNISM

3 sem. hrs.

Art and architecture in the United States from about 1825 to 1930. Prerequisites: ART 155, 156, 257 or consent instructor and School.

382 ART IN THE UNITED STATES III: FROM THE DEPRESSION TO 1970

3 sem. hrs.

Complex artistic developments, especially in painting and sculpture, which occurred in American art from the Depression era to 1970. Prerequisites: ART 155, 156, 257 or consent instructor and School.

383 HISTORY OF PHOTOGRAPHY

3 sem. hrs.

Important photographers and the major aesthetic and technical developments of photography from 1840 to present. Prerequisites: ART 155, 156, 257 or consent instructor and School.

385 RECENT DEVELOPMENTS IN ART: 1970 TO THE PRESENT

3 sem. hrs.

An examination of major international visual artists and the role of public and private institutions within the contemporary arts world. Prerequisites: ART 155, 156, 257 or consent instructor and School.

386 TOPICS IN ART HISTORY

3 sem. hrs.

Advanced course in the history of art focusing on different themes, periods, or issues each semester. May be repeated if topic is different, maximum 6 hours. Prerequisites: ART 155, 156 and 257 or consent instructor.

394 BFA SEMINAR**3 sem. hrs.**

Seminar for investigating ideas and issues in contemporary art and building critical thinking, reading and research skills for BFA students. May be repeated if topic differs. Prerequisites: ART 103, 104, 109 and acceptance into the BFA program or consent instructor and School.

**395 UNDERGRADUATE SEMINAR
IN ART HISTORY****3 sem. hrs.**

Intensive study of an announced topic in art history, emphasizing methodology, original research, and various art historical approaches to specified works, artists, themes, styles, or issues. May be repeated if content different. Prerequisites: Successful completion of at least one 300-level Art History course and consent instructor.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP IN ART****1-8 sem. hrs.**

May be repeated; maximum 16 hours. Supervised work experience. Prerequisite: Consent school director.

**398.02 PROFESSIONAL PRACTICE:
INTERNSHIP IN ART: DESIGN****398.05 PROFESSIONAL PRACTICE:
INTERNSHIP IN TEACHING ART**

May include Clinical Experience: Type 1-4, 6, and 9.

**398.07 PROFESSIONAL PRACTICE:
INTERNSHIP IN PHOTOGRAPHY****398.08 PROFESSIONAL PRACTICE:
INTERNSHIP IN MUSEUM/GALLERY**

ences. Prior to acceptance as a Music major or minor, all students must pass a performance audition on their major instrument or voice. Information concerning admission auditions is available from the School of Music.

The following criteria will be used in determining whether a former Illinois State University B.M.E., B.A./B.S., and B.M. student will be re-admitted to the music major: (1) Successful re-audition or permission of the appropriate applied areas; (2) Permission of the appropriate degree advisor; (3) a 2.50 GPA in the theory/history core and applied music; (4) A history of success in lab ensemble and recital attendance. If a student does not meet all of these requirements, the academic advisors will recommend to the Director whether the student should be admitted. The Director will ultimately decide.

Piano Requirements:

All students pursuing a music major or minor degree program are required to demonstrate a level of piano proficiency. All BM majors in the Piano Performance Sequence are required to demonstrate proficiency equivalent to that outlined for Level V of Group Instruction Piano (MUS 122.50). All BME majors (all sequences) and BM majors (Composition Sequence) are required to demonstrate proficiency equivalent to that outlined for Level IV of Group Instruction Piano (MUS 122.40). All BM majors (except Piano Performance Sequence and Composition Sequence) and BA/BS majors (all sequences) are required to demonstrate proficiency equivalent to that outlined for Level III of Group Instruction Piano (MUS 122.30). All music minors are required to demonstrate proficiency equivalent to that outlined for Level II of Group Instruction Piano (MUS 122.20).

Major Performing Ensemble Requirements:

All students pursuing a Music major or minor degree program are required to participate and earn a passing grade in a major music-performing organization each semester they are enrolled in the University until the ensemble requirement is completed for their chosen degree sequence. *Only one ensemble per semester will be counted towards the requirements for the completion of any music degree program.* The ensemble should relate to the student's major applied area. Upon reaching junior status, the student should sign up for ensembles at the 200-level. Choral ensembles that fulfill the ensemble requirement are Concert Choir, Madrigal Singers, Women's Choir, and University Choir. BME *choral* students must enroll in the Concert Choir for a minimum of four semesters and in Opera Practicum for one semester. BM *voice performance* students are required to audition for Opera and Musical Theater productions sponsored by the School of Music. Instrumental ensembles that fulfill the ensemble requirement are Symphony Orchestra, Jazz Band, Wind Symphony, Marching Band, Symphonic Band, and Guitar Ensemble. BME *instrumental-band* students must enroll in Marching Band a minimum of two semesters. Special Provisions: a major opera role may be substituted for one choral ensemble by juniors and

MUSIC (MUS)**566**

230 Centennial East, (309) 438-7631

Web address: IllinoisState.edu/fineartsDirector: Stephen Parsons (sbpars@ilstu.edu).**Tenured/Tenure-track Faculty:**

Professors: Block, Borg, Carlson, Dicker, A. Gilreath-Major, Koehler, Larsen, J. Major, Modos, Neisler, Parsons, Risinger, Snyder, Steele.

Associate Professors: Aduonum, Collier, Favis, Fredstrom, Gentry, Gresham, Koch, Labonville, Marko, McCord, Morenus, Ropp, Smith, Vought.

Assistant Professors: Belongia, Hollingsworth, Horst, Lewis, Marshack, Nolan, Ransom, Rummel, Schimmel, Tonnu.

General School Information**Curricular Requirements/School Requirements:**

Music students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Music Student Handbook*.

Admission Auditions:

All students who intend to major in Music at Illinois State University are expected to have previous music experi-

seniors upon written approval of the School Director in response to a written request signed by the student, the applied teacher, and the Coordinator of Opera/Music Theatre. BM Keyboard Performance students may satisfy up to four semesters of their major ensemble requirement by taking Accompanying (MUS 240).

Enrollment Limitations:

Enrollment in some music courses is limited to those students who have had auditions or who have secured the permission of the appropriate coordinator. Information concerning these course enrollment limitations is available from the School of Music.

Musical Instrument Storage:

In the event that students choose to store musical instruments on campus in any building operated by the University, they hereby waive any and all liability of the University and its employees for the loss of or damage to such musical instruments by any cause whatsoever, including, but not limited to, fire, water, windstorm, or any other casualty, theft, or dampness or dryness of the air.

Music Programs

Degrees Offered: B.A., B.S., B.M., B.M.E.

MAJOR IN MUSIC, B.A./B.S

- 40 hours in Music required.
- Required courses: MUS 101, 102, 103, 107, 108, 201, 207, 212, 216, 253, 254; one course chosen from 213, 214, or 219; one course chosen from 220, 221, or 222; at least 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters); 8 hours of performing organizations;
- Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble I or II, Marching Band, Symphony Orchestra, Civic Chorale, University Choir, Women's Choir, Concert Choir, Madrigal Singers, Opera Practicum or Guitar Ensemble (for guitar majors only) for at least 8 semesters.

Music Business Sequence:

Degree Offered: B.S.

- 25-27 hours required.
- MUS 298.03 (2 hours) **NOTE:** This may be 2 of the 8 hours in music performing organizations required in the BA/BS in Music curriculum.
- Music course (3 hours): MUS 175.
- Six (6) hours chosen from ATK 260, 300, 345 and 380.
- ECO 105 (4 hours).
- Select twelve (12) hours of approved electives such as: THE 342, 344, 345; MQM 220, 328, 329; MKT 230.

Musical Theatre Sequence:

Degree Offered: B.A.

- 25 hours required.
- 2 hours Theatre Practicum (THE 102) and 2 hours of Opera Practicum (MUS 165). **NOTE:** This may be 4 of the 8 hours in music performing organizations required of B.A. in Music majors.
- A qualifying performance audition is required for all incoming students needing to enroll in THE 105, 106, 119, and 120. Students who are deficient in dance technique may have to take courses at a lower level. Deficiency hours will be above the hours required for this sequence. Information concerning qualifying auditions is available from the School of Theatre.
- Required courses: THE 100, 102, 105, 106, 110, 113, 237, 314.08, 322; one course chosen from THE 119 or 120.

MINOR IN MUSIC

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 212.
- All students pursuing a Music Minor degree are required to demonstrate a piano proficiency equivalent to that outlined for Level II Group Piano Instruction; 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 4 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 4 semesters); 4 semesters of performing organizations.

MAJOR IN MUSIC EDUCATION

Core Requirements and Sequences:

- Complete core requirements of MUS 101, 102, 103, 107, 108, 201, 207, 212, 216, 253, 254.
- Electives: Choose one from MUS 213, 214, 219.
Choose one from MUS 220, 221, 222.
- Additional core requirement: MUS 167.
- Choose from one of the following sequences: Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra.
- The four sequences are part of the entitlement program leading to the Special Teaching K-12 Music Certificate in the State of Illinois.
- Complete 14 hours of Applied Music and at least 7 hours of performing organizations.
- Designated special methods courses in each of the 4 sequences (Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra) require Clinical Experiences and are taken throughout the degree program.

Piano and Applied Music Requirements:

- Students are required to demonstrate a level of piano proficiency equivalent to that outlined for Level IV of Group Piano Instruction prior to admission to Music Education. **NOTE:** A syllabus of proficiency requirements is available in the School office or from the Music Education or Group Piano Coordinator. Piano

may be studied in Group Instruction 122 or in Applied Piano 135/235. A maximum of 8 hours is allowed for taking piano in Group Instruction.

- Students are required to study applied music on their major instrument for 5 to 7 semesters, depending on the sequence.
- Students are required to take at least 1 semester of 200-level Applied Music prior to student teaching.
- Students are required to perform a half (30 minute) senior recital prior to student teaching.

Professional Education Requirements:

- C&I 210 and 212 must be taken prior to the special methods in Music courses and include Clinical Experience; EAF 228, 231, or 235 must be taken prior to student teaching.
- Special Methods courses include: MUS 162, 195, 260, 261, 262, 263, 266, 267, 271. **NOTE:** All Special Methods courses include clinical experience. Except for MUS 162 and 195, all Special Methods courses require Admission to Professional Studies.
- Grade of C or higher required.

Core Music Education Requirements:

- All Music Education students are required to take the following courses: MUS 195, 260, 262, 266 and 1 hour in jazz selected from MUS 139.70/239.70, 139.71/239.71, 218, or 330.90 (depending on sequence).

Choral-General-Vocal Sequence:

- In addition to the Professional Education requirements, 66 hours in Music required as follows.
- Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Piano and 5 semesters of Applied Voice; MUS 127 or 128; 162, 263 or 267, 268.
- Students must be enrolled for 1 hour of credit in University Choir, Women's Choir (Belle Voix), Concert Choir, Opera Practicum, or Madrigal Singers for at least 7 semesters.
- Students must enroll in Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.

Choral-General-Keyboard Sequence:

- In addition to the Professional Education requirements, 66 hours in Music required as follows.
- Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Voice and 5 semesters of Applied Piano; MUS 240 (2 hours); 162, 263 or 267, 268.
- Students must be enrolled for 1 hour credit in University Choir, Women's Choir (Belle Voix), Concert Choir, Opera Practicum, or Madrigal Singers for at least 7 semesters.
- Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.

Instrumental-Band Sequence:

- In addition to the Professional Education requirements, 67 hours in Music required as follows.
- Required courses: Music and Music Education core requirements and MUS 104, 105, 115, 116, 117, 161, 261, 269.
- Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble I or II, Marching Band, or Symphony Orchestra for at least 7 semesters.
- Students must enroll in a minimum of 2 semesters of Marching Band and 2 semesters of a concert band (Wind Symphony or Symphonic Band).

Instrumental-Orchestra Sequence:

- In addition to the Professional Education requirements, 65 hours in Music required as follows.
- Required courses: Music and Music Education core requirements and MUS 104, 105, 115, 116, 117, 269, 271.
- Students must be enrolled for 1 hour credit in Symphony Orchestra for 7 semesters.

Student Teaching:

At least 10 weeks (8 hours) (STT 399.28) of student teaching are required; 16 weeks (16 hours) (STT 399.28) are recommended.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit FindYourMajor.IllinoisState.edu or contact the undergraduate advisor for the intended major.

Admission to Professional Studies:

All Music Education students planning to become certified teachers must apply for and be admitted to the University's Professional Studies program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission, a Music Education student must also have verified the following:

1. File departmental application for admission to Music Education and complete an interview with Music Education faculty.
2. A minimum cumulative GPA of 2.75 overall and in all Music courses including all Professional Education courses.
3. Satisfactory completion of Piano Proficiency Exam or completion of Level 4—Group Piano with grade of B or better (the entire final exam for Level 4 must be passed successfully).

4. Recommendation for Admission to Professional Studies by the Music Education faculty.

Selective Retention:

In order to be retained in the Music Education program and to receive departmental approval for a student teaching assignment, the following requirements must be met:

1. Maintain a GPA of 2.75 in all courses and in all Music Education courses including Professional Education.
2. Be recommended for student teaching by the Music Education faculty.
3. Interview with the Coordinator of Student Teaching and/or Music Education faculty.
4. Complete at least 1 semester of Applied Music at the 200-level.
5. Acquire a minimum grade of C in all Music Education courses including Professional Education courses.
6. File College of Education and departmental applications for student teaching.

Graduation Requirements:

A cumulative and major GPA of 2.75 must be maintained, and a grade of C or better in all courses used for certification.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MAJOR IN MUSIC, B.M.

- 68 hours of Music required.
- Required courses for all sequences except Music Therapy (for requirements, see Music Therapy Sequence):

MUS 101, 102, 103, 107, 108, 167, 201, 207, 212, 216, 253, 254, 1 course selected from 213, 214, 219; 1 course selected from 220, 221, or 222; 2 courses selected from among MUS 355 (355.01, 355.02, 355.03, 355.04), 356 (356.01, 356.02), 391, 392, 394, 395, 396; 1 Applied Music course on the major instrument each semester including the successful completion of at least 1 semester of 200-level Applied Music; 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters). In addition, students must be enrolled for 1 hour of credit each semester they are in residence in Wind Symphony, Symphonic Band, Marching Band, Jazz Band, Symphony Orchestra, University Choir, Women's Choir (Belle Voix), Civic Chorale, Concert Choir, Madrigal Singers, Accompanying (for keyboard majors only) or Guitar Ensemble (for guitar majors only).

- Student also selects 1 of the 6 following sequences and completes requirements of that sequence. For students who select the Keyboard-Instrument, Voice-Performance, Classical Guitar Performance, or the Band and Orchestra Instruments Sequence, the requirements are: 3 semesters of 200-level Applied Music, a half (30 minute) junior recital, and a full (60 minute) senior recital.

Music Composition Sequence:

- 8 hours in Music 205.01 and 205.02.
- Music 303 and 304.
- 3 hours chosen from the following: ATK 240, 340, 345.
- Satisfactory completion of the Level IV Piano Proficiency Exam or completion of MUS 122.40 Group Piano Level IV with a grade of B or better (the entire final exam for Level IV must be passed successfully).
- Electives to complete 68 hours.

Keyboard Performance Sequence (Piano, Organ, Harpsichord):

- 4 hours of Keyboard Pedagogy and Literature (MUS 330).
- 2 hours of functional keyboard skills and sight-reading (MUS 122.50).
- 4 hours of Accompanying (MUS 240). **NOTE:** This may be 4 of the 8 hours in Music performing organizations required of B.M. majors.
- Electives to complete 68 hours.

Voice Performance Sequence:

- MUS 127, 128, and 2 hours in Vocal Pedagogy and Literature (MUS 330).
- Electives to complete 68 hours.
- 2 semesters of Opera Practicum.
- Voice students enrolled in Opera Practicum must also participate in a major choral ensemble.

Band and Orchestra Instruments Performance Sequence:

- 2 hours in Pedagogy and Literature on appropriate instrument (MUS 330).
- Electives to complete 68 hours.

Classical Guitar Performance Sequence:

- 4 hours of Pedagogy and Literature (MUS 330).
- 2 hours of Guitar Fingerboard Harmony (MUS 215).
- 6 hours of Guitar Ensemble (MUS 139.85/239.85).
- 2 hours of Music performing organizations other than Guitar Ensemble.
- Electives to complete 68 hours.

Music Therapy Sequence:

A student who completes the following requirements, including a 6-month internship, will be eligible to take the Certification Board for Music Therapists, Inc. exam. The prospective Music Therapy student is encouraged to contact the Director of the Music Therapy program in the School of Music before beginning course work.

- Core requirements: MUS 101, 102, 103, 107, 108, 167, 201, 207, 212, 216, 253, 254.
- One course selected from MUS 213, 214, or 219.
- One course selected from MUS 220, 221, or 222.
- 7 hours of Music Performing Organizations.
- 2 hours from the following: MUS 104, 105, 115, 116, 162.
- 8 hours of Applied Music Study.
- Sequence requirements: MUS 117, 118, 122.30, 126, 194, 294, 298.01 (4 hours), 340, 341, 360, 398 (2 hours); PSY 110, 213, 346, 350.
- 7 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 7 semesters).
- **NOTE:** A competency test is required in guitar and piano. Students whose major applied instrument is percussion, guitar, piano or voice are required to substitute other group instrument classes (MUS 111 - 116 or 162) for the required group class representing their major instrument.

Music Courses**101 MUSIC THEORY****2 sem. hrs.**

Principles of rhythmic, melodic, and harmonic syntax in the common practice period. Emphasis on diatonic analysis and composition. Prerequisite: Music major/minor only or consent school director.

102 MUSIC THEORY**2 sem. hrs.**

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms. Prerequisite: MUS 101 or consent Theory Coordinator.

103 COMPUTER SKILLS FOR MUSICIANS**1 sem. hr.**

Introduction to computer music notation, MIDI sequencing, and digital audio. Prerequisite: MUS major only.

104 GROUP INSTRUCTION IN BRASS**1 sem. hr.**

Introduction to the playing and pedagogy of brass instruments (trumpet, horn, trombone, euphonium, tuba). Includes Clinical Experience: 5 hours; Type 1-5, 9. Prerequisite: Completion of 30 or more earned hours. MUS major only.

105 GROUP INSTRUCTION IN STRINGS**1 sem. hr.**

Introduction to the playing and pedagogy of stringed instruments (violin, viola, cello, string bass). Includes Clinical Experience: 5 hours; Type 1-5, 9. Prerequisite: Completion of 30 or more earned hours. MUS major only.

107 GROUP INSTRUCTION IN BASIC MUSICIANSHIP I**1 sem. hr.**

Introduction and cultivation of fundamental aural (ear-training) and sight-singing (solfege) skills. Prerequisite: MUS major/minor only or consent instructor.

108 GROUP INSTRUCTION IN BASIC MUSICIANSHIP II**1 sem. hr.**

Continuation of skill building in ear-training and sight-singing; expansion of solfege techniques. Prerequisite: MUS 107 or consent Theory Coordinator.

110 RECITAL ATTENDANCE

Develop an understanding of musical styles and skills as a more discriminating listener. May be repeated. CR/NC only. Prerequisite: MUS major/minor only.

115 GROUP INSTRUCTION IN SINGLE REED INSTRUMENTS/FLUTE**1 sem. hr.**

Introduction to the playing and pedagogy of single reed instruments (clarinet and saxophone) and flute. Includes Clinical Experience: 5 hours Type 1-5, 9. Prerequisite: Completion of 30 or more earned hours. MUS major only.

116 GROUP INSTRUCTION IN DOUBLE REED INSTRUMENTS**1 sem. hr.**

Introduction to the playing and pedagogy of double reed instruments (bassoon and oboe). Includes Clinical Experience: 5 hours Type 1-5, 9. Prerequisite: Completion of 30 or more earned hours. MUS major only.

117 GROUP INSTRUCTION IN PERCUSSION**1 sem. hr.**

Practical instruction in playing and methods of teaching percussion instruments. Includes Clinical Experience: 5 hours Type 1-5, 9. Prerequisite: Completion of 30 or more earned hours. MUS major only.

118 BEGINNING GUITAR**2 sem. hrs.**

Elements of basic acoustic guitar; simple chords and melodies. Prerequisite: Student must supply acoustic guitar.

119 INTERMEDIATE GUITAR**2 sem. hrs.**

Further development of guitar playing skills, including note reading in higher positions, movable chords, fingerpicking, and an introduction to improvisation. Prerequisites: MUS 118 or consent instructor. Student must supply acoustic guitar.

121 GROUP INSTRUCTION IN PIANO**2 sem. hrs.**

Harmonization, sight-reading and transposition, technical studies, and solo and ensemble repertoire. May be repeated if content differs. Prerequisites: For students who have had little or no formal piano study and who are not Music major/minor. Enrollment and placement only by consent Group Piano Coordinator.

122 GROUP INSTRUCTION IN PIANO**2 sem. hrs.**

Group piano levels are designated by course decimalization: 122.10 Level I; 122.20 Level II; 122.30 Level III; 122.40 Level IV; 122.50 Level V. Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be taken multiple times if content differs; maximum 8 hours. Prerequisites: Vary by level; MUS major/minor with little or no keyboard skills.

126 GROUP INSTRUCTION IN VOICE**2 sem. hrs.**

Practical instruction in singing in English and Italian. Successful completion of MUS 126 or audition before members of voice faculty is prerequisite for admission to MUS 137. May be repeated. Prerequisite: Consent instructor.

**127 FOREIGN LANGUAGE
DICTION FOR SINGERS****2 sem. hrs.**

German and French diction through the study of art songs in both languages. Prerequisites: MUS 126 or concurrent registration in MUS 126, 137, or 237.

**128 DICTION FOR SINGERS:
ITALIAN AND ENGLISH****2 sem. hrs.**

Italian and English stage diction for singers, using the International Phonetic Alphabet. Prerequisites: MUS 126 or concurrent registration in MUS 126, 137, or 237.

131-138 APPLIED MUSIC**2 or 3 sem. hrs.**

May be repeated. 131, Brass; 132, Harpsichord; 132.10 Harp; 133, Organ; 134, Percussion; 135, Piano; 136, Strings; 136.80, Guitar; 137, Voice; 138, Woodwinds. Prerequisites: Consent appropriate coordinator 1 semester in advance of registration. Prerequisites for MUS 137 described in narrative for MUS 126.

139 ENSEMBLE**1-2 sem. hrs.**

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

152 EXPERIENCING MUSIC OC-FA**3 sem. hrs.**

Examination of the structures of various musical forms through listening, discussion, and attendance at performances. Content may vary. Prerequisites: COM 110; ENG 101.

153 BLACK MUSIC I OC-FA**3 sem. hrs.**

A survey of musical elements and cultural contexts that define Black folk music in Africa, the Caribbean, and the United States of America. Prerequisites: ENG 101; COM 110.

154 BLACK MUSIC II OC-FA**3 sem. hrs.**

A survey of musical elements and cultural contexts that define Black contemporary music such as jazz, rhythm and blues, rap, vodou jazz, afro-beat, and calypso. Prerequisites: ENG 101; COM 110.

161 MARCHING BAND TECHNIQUES**2 sem. hrs.**

Marching Band organization: field show planning and design. Prerequisites: Concurrent registration with participation in Marching Band.

**162 INTRODUCTION TO INSTRUMENTAL
INSTRUCTION****2 sem. hrs.**

Introduction to the playing and pedagogy of brass, woodwind, string, and percussion instruments for choral-general music education students. Includes Clinical Experience: 10 hours, Type 1-5, 9.

165 OPERA PRACTICUM**1 sem. hrs.**

Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent instructor.

167 BASIC CONDUCTING**2 sem. hrs.**

Fundamentals, score reading, rehearsal procedures, and practical experience in work with choral and instrumental media.

175 INTRODUCTION TO THE MUSIC INDUSTRY**3 sem. hrs.**

Exploring the various facets of the music and entertainment industry, including an historical background.

176 ARTS AND SOCIETY: MUSIC OC-FA**3 sem. hrs.**

Examination of the relationship between music and politics/culture. Prerequisites: ENG 101; COM 110.

180-188 PERFORMING ORGANIZATIONS**1 sem. hr.**

Participation in the large musical organizations; 180, University Choir; 181, Wind Symphony, Symphonic, University, Pep or Marching Band; 182, Symphony Orchestra; 183, Chamber Wind Ensemble; 184, Concert Choir; 186, Women's Choir (Belle Voix); 188, Civic Chorale. Maximum 12 hours of 180-188 and 280-288 may be counted toward a Music degree.

194 PRINCIPLES OF MUSIC THERAPY**3 sem. hrs.**

Introduction to music as a therapeutic agent in the rehabilitation and reorganization of the human being into social life. A survey of the history of the American Music Therapy Association is included as well as the processes and principles of music therapy as used by practicing music therapists. Field observations required. Not for credit if had former MUS 190, 191, and 192.

195 INTRODUCTION TO MUSIC EDUCATION**2 sem. hrs.**

Theory/practice of music education, philosophy, musical development, learning theories, curriculum and planning, classroom management, assessment, and students with disabilities. Includes Clinical Experience: 10 hours; Type 1-5, 9. Prerequisite: Music Education major only.

201 MUSIC THEORY**2 sem. hrs.**

Study of tonal harmony from Bach to present-day popular music. Prerequisites: MUS 102 or consent Theory Coordinator.

205 COMPOSITION**2 sem. hrs.**

Developing individual creative talents of students in musical composition in acoustic and electro-acoustic media. Topics: .01, Level I; .02, Level II. May be repeated. Prerequisite: Consent instructor.

207 GROUP INSTRUCTION IN BASIC MUSICIANSHIP III**1 sem. hr.**

Continuation of MUS 108 with introduction of chromaticism, more complex rhythms, and harmonic dictation using 7th chords. Not for credit if had MUS 203 for 6 hours. Prerequisite: MUS 108 or consent Theory Coordinator.

212 INTRODUCTION TO MUSIC LITERATURE**3 sem. hrs.**

Introduction to important musicians, genres, styles, and terminology supporting the study of music in history and cultures. Prerequisite: MUS 102 or consent instructor.

213 JAZZ-ROCK AURAL SKILLS**1 sem. hr.**

Development of sight-singing, keyboard, and dictation skills required for the performance and transcription of jazz and rock music. Prerequisite: MUS 207 or consent Theory Coordinator.

214 TRANSCRIPTION**1 sem. hr.**

Transcription of recorded music in a variety of popular, historical Western, and non-Western styles. Prerequisite: MUS 207 or consent Theory Coordinator.

215 GUITAR FINGERBOARD HARMONY**2 sem. hrs.**

A comprehensive exploration of the guitar fingerboard through the study of scales, arpeggios, intervals, chords, and sight reading. Prerequisites: 3 semesters of Applied Guitar (MUS 136.80/236.80) or consent instructor.

216 NON-WESTERN MUSIC LITERATURE**2 sem. hrs.**

A survey of the music of non-Western cultures, examining how these societies organize music as sound and music as culture. Prerequisite: MUS 212 or consent Theory Coordinator.

218 JAZZ IMPROVISATION**1-2 sem. hrs.**

Current methods and materials for developing jazz and jazz-based improvisational abilities in performers and teachers. Prerequisite: C or better in either MUS 213, 214, or 219 and C or better in either MUS 220, 221, or 222.

219 ADVANCED SIGHT SINGING**1 sem. hr.**

Continuation of the sight-singing portion of MUS 207 with emphasis on vocal literature and on performance of more complex rhythms. Prerequisite: MUS 207 or consent Theory Coordinator.

220 ANALYSIS THROUGH COMPOSITION**2 sem. hrs.**

Study of tonal and post-tonal styles through original composition based on stylistic models including Mozart, Debussy, Schoenberg, Broadway, Techno. Prerequisites: MUS 103 and MUS 201, or MUS 201 and concurrent registration in MUS 103.

221 TWENTIETH-CENTURY TECHNIQUES**2 sem. hrs.**

Study of twentieth-century concert music including modes, atonality, set theory, serialism, minimalism, and rhythmic theory. Prerequisites: MUS 103 and MUS 201, or MUS 201 and concurrent registration in MUS 103.

222 THEORETICAL FOUNDATIONS OF JAZZ AND ROCK MUSIC**2 sem. hrs.**

Study of scales, rhythmic structure, harmony, and melody of jazz and rock music, including analysis and arranging projects. Prerequisites: MUS 103 and MUS 201, or MUS 201 and concurrent registration in MUS 103.

223 MUSIC INDUSTRY II**3 sem. hrs.**

Real-life scenarios in the music and entertainment industry, new media entrepreneurship, social networking, recording studios, and current music distribution methods. Formerly MUS 189.23 *FURTHER STUDIES IN THE MUSIC INDUSTRY*. Prerequisites: MUS 175 or consent of instructor.

231-238 APPLIED MUSIC**2 or 3 sem. hrs. ea.**

May be repeated. 231, Advanced Brass; 232, Advanced Harpsichord; 234, Advanced Percussion; 235, Advanced Piano; 236, Advanced Strings; 236.80 Advanced Guitar; 237, Advanced Voice; 238, Advanced Woodwinds. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

239 ENSEMBLE**1-2 sem. hrs.**

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

240 ACCOMPANYING**1 sem. hr.**

Technique and skills of accompanying singers and instrumentalists, including experience in providing accompaniments for other students. May be repeated.

253 MUSIC HISTORY UNTIL 1750**3 sem. hrs.**

Developments, trends, styles, genres, and significant composers in Western music history from the Greeks to the time of Bach and Handel. Prerequisite: MUS 216 or consent Theory Coordinator.

254 MUSIC HISTORY SINCE 1750**3 sem. hrs.**

Developments, trends, styles, genres, and significant composers from the Classical period through the 20th century. Prerequisite: MUS 216 or consent Theory Coordinator.

260 ELEMENTARY/JUNIOR HIGH TEACHING METHODS: INSTRUMENTAL MUSIC**2 sem. hrs.**

Current methods and materials for the teaching of grades 4-8 instrumental music. Includes Clinical Experience: 15 hours, Type 1-5, 9. Prerequisites: Grade of C or better in C&I 210 and 212. Music Education major/minor only. Admission to Professional Studies.

261 SECONDARY TEACHING METHODS: BAND**2 sem. hrs.**

Current methods and materials for the teaching of 9-12 instrumental music. Includes Clinical Experience: 15 hours, Type 1-5, 9. Prerequisites: Grade of C or better in C&I 210 and 212. Music Education major/minor only. Admission to Professional Studies.

262 ELEMENTARY TEACHING METHODS: GENERAL MUSIC**2 sem. hrs.**

Current methods and materials for the teaching of K-6 general music. Includes Clinical Experience: 15 hours, Type 1-5, 9. Prerequisites: Grade of C or better in C&I 210 and 212. Music Education major/minor only. Admission to Professional Studies.

263 ADVANCED TEACHING METHODS: GENERAL MUSIC**2 sem. hrs.**

Current methods and materials for the teaching of junior high and secondary school (7-12) general music courses. Includes Clinical Experience: 15 hours, Type 1-5, 9. Formerly *JUNIOR HIGH/SECONDARY TEACHING METHODS: GENERAL MUSIC*. Prerequisites: Grade of C or better in C&I 210, 212 and MUS 262. Music Education major/minor only. Admission to Professional Studies.

265 OPERA PRACTICUM**1 sem. hr.**

Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of instructor.

266 CHORAL METHODS I**2 sem. hrs.**

This course covers vocal skill development and pedagogy; choral methods, materials, and management; and clinical teaching experiences. Includes Clinical Experience: 15 hours, Type 1-5, 9. Formerly *ELEMENTARY/JUNIOR HIGH TEACHING METHODS: CHORAL*. Not for credit if had MUS 163. Prerequisites: Grade of C or better in C&I 210 and 212. Music Education major/minor only. Completion of piano proficiency. Admission to Professional Studies.

267 SECONDARY TEACHING METHODS: CHORAL**2 sem. hrs.**

Study of management, methods, and materials utilized in the teaching of grades 9-12 vocal music. Includes Clinical Experience: 15 hours, Type 1-5, 9. Prerequisites: Grade of C or better in C&I 210 and 212. Music Education major/minor only. Admission to Professional Studies.

268 INTERMEDIATE CONDUCTING: CHORAL**2 sem. hrs.**

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods. Prerequisite: MUS 167 or consent instructor.

269 INTERMEDIATE CONDUCTING: INSTRUMENTAL**2 sem. hrs.**

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods. Prerequisite: MUS 167 or consent instructor.

271 SECONDARY TEACHING METHODS: STRINGS**2 sem. hrs.**

Current methods and materials for the teaching of secondary school instrumental strings. Includes Clinical Experience: 15 hours, Type 1-5, 9. Prerequisites: Grade of C or better in C&I 210 and 212. Music Education major/minor only. Admission to Professional Studies.

275 WORLD ARTS: MUSIC**3 sem. hrs.**

Introduction to selected music of Asia, the Middle East, Africa and Latin America. Prerequisites: ENG 101; COM 110; MC-LH category.

277 ARTS FOR ELEMENTARY SCHOOLS: MUSIC**3 sem. hrs.**

Survey of Music Education K-6; current practices and materials for teaching elementary general music. Prerequisites: Elementary Education major only.

278 ARTS FOR EARLY CHILDHOOD: MUSIC**3 sem. hrs.**

Materials and methods for teaching music with special emphasis on integrating the arts. Not for credit if had C&I 282. Prerequisites: Early Childhood Ed major only; completion 30 hours.

280-288 PERFORMING ORGANIZATIONS**1 sem. hr.**

Participation in the large musical organizations; 280, University Choir; 281, Wind Symphony, Symphonic, University, Pep or Marching Band; 282, Symphony Orchestra; 283, Chamber Wind Ensemble; 284, Concert Choir; 286, Women's Choir (Belle Voix); 288, Civic Chorale. Maximum 12 hours of 180-188 and 280-288 may be counted toward a Music degree.

294 MUSIC IN RECREATION**3 sem. hrs.**

Techniques and skills essential in the prescription, organization, and procedures of leading recreational music activities within therapeutic settings. Development of functional skills on social instruments. Prerequisites: MUS 194 or consent instructor, ability to read music, and field experiences.

298.01 PROFESSIONAL PRACTICE: MUSIC THERAPY INTERNSHIP**1 sem. hr.**

Supervised practical experience in therapeutic music situations in various institutions in the area. May be repeated; maximum 4 hours. CR/NC only. Prerequisites: Successful completion of MUS 194 and 294.

298.03 PROFESSIONAL PRACTICE: MUSIC BUSINESS**1-6 sem. hrs.**

Supervised practical experience in music business situations in various institutions in the area. May be repeated; maximum 6 hours. CR/NC only.

303 COUNTERPOINT**2 sem. hrs.**

Introduction to counterpoint in Renaissance (16th century) and Baroque (18th century) styles. Prerequisites: MUS 201 and 207, or consent instructor.

304 ORCHESTRATION**2 sem. hrs.**

Introduction to writing for ensembles of strings, winds, percussion, or voices. Prerequisites: MUS 201 and 207, or consent instructor.

308 ORFF LEVEL I**3 sem. hrs.**

This course prepares teachers and therapists in the basic Orff approach. Formerly MUS 393.28. Prerequisites: Music Education or Music Therapy seniors or graduate students, elementary education, dance education, with consent instructor.

330 PEDAGOGY AND LITERATURE**1-2 sem. hrs.**

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for each medium. Brass, woodwind, percussion, voice, strings, piano, organ, guitar, jazz. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

340 INFLUENCE OF MUSIC BEHAVIOR**3 sem. hrs.**

Cultural, physiological, and psychological aspects of music with applications of the Music Therapy field. Prerequisites: Senior standing or consent instructor.

341 MUSIC THERAPY**3 sem. hrs.**

Theory, current practices, and research in the field of Music Therapy. Prerequisites: MUS 340 or consent instructor.

355 MUSIC GENRES**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music, including topics: .01 Symphonic Music; .02 Opera; .03 Chamber Music; .04 Choral Music. May repeat if topic different, maximum 9 hours. Prerequisites: MUS 253 and 254, or equivalent.

356 MUSIC AND SOCIETIES**3 sem. hrs.**

Studies of the relationship and contributions of music and musicians to the societies in which they live, including topics: .02 Women in Music: Cross-Cultural Perspectives. May repeat if topic different, maximum 9 hours. Prerequisites: MUS 253 and 254, or equivalent.

360 INTRODUCTION TO PSYCHOMUSICOLOGY**3 sem. hrs.**

Introduction to the psychology of music behavior and cognition. Topics include music perception, memory, and learning and their relation to the sensory, formal, and expressive properties of music.

365 OPERA PRACTICUM**1 sem. hr.**

Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of instructor.

371 MUSIC FOR THE EXCEPTIONAL CHILD**3 sem. hrs.**

Trends in Music Education for exceptional children. Techniques and materials for a functional program of singing, playing, listening, and creative activities.

391 MUSICAL STYLES OF THE RENAISSANCE PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 253.

392 MUSICAL STYLES OF THE BAROQUE PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 253.

394 MUSICAL STYLES OF THE CLASSICAL PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 254.

395 MUSICAL STYLES OF THE ROMANTIC PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 254.

396 MUSICAL STYLES OF THE TWENTIETH CENTURY**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 254.

398 PROFESSIONAL PRACTICE: CLINICAL INTERNSHIP IN MUSIC THERAPY**1 sem. hr.**

Professional application of current treatment and evaluation procedures in a clinical setting. May be repeated; maximum 2 hours. Prerequisites: Acceptance into a clinical training facility affiliated with the American Music Therapy Association.

THEATRE (THE)

570

212 Centennial West, (309) 438-8783
Web address: IllinoisState.edu/finearts

Director: John R. Poole.

Tenured/Tenure-track Faculty:

Professors: Browder, Dennhardt, Gordon, LaCasse, Mack, McLaughlin-Gray, Merriman, Pereira, Stark, Zielinski.

Associate Professors: Adams, Alley, Brown, de Veer, Lowell, Orr, Paolucci, Poole, Wilson, Woronicz.

Assistant Professors: Haugo, Marino, Semonis, Vetere, Walden, Zeng.

General School Information

Admission Requirements:

All students who intend to pursue the Acting, Dance Performance or Dance Education Sequences are required to participate in an audition for admission. Students intending to pursue the Design/Production Sequence must participate in a portfolio review/interview for admission. Information concerning an admission audition or a portfolio review/interview is available from the School of Theatre.

Curricular Requirements/School Requirements:

Theatre students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Theatre Production Handbook*.

Production Program Participation:

Theatre majors participate in the School of Theatre production program through the audition process as actors and dancers. Details outlining the casting process are found in the *School of Theatre Production Handbook*. All majors are required to enroll in THE 102 Theatre Practicum for four semesters (2 credit hours) during their degree program in order to gain experience in and provide support for the School of Theatre production program. (Minors are required to enroll for a total of 1 credit hour.) Students who wish to earn credit for performance experiences may elect to enroll in THE 302 Theatre Practicum for either 1, 2, or 3 hours of credit.

INTERDISCIPLINARY MINORS

The School of Theatre participates in interdisciplinary minors at the University. Course work offered by the School contributes to the following minors: African-American Studies, African Studies, Ethnic Studies, International Studies, and Native American Studies. Course work also contributes to the minor in Women's and Gender Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

Theatre Programs

Degrees Offered: B.A., B.S.

MAJOR IN THEATRE

Acting Sequence:

- 55 hours in Theatre required.
- 43 hours of required courses: THE 102 (2 hours), 103, 104, 110, 113 or 313, 130, 160, 211, 212, 220, 237, 240, 322, 376, 377.
- 9 hours of THE 314.
- THE 221 (3 hours) or 2 hours approved dance technique courses.
- 1 hour of Theatre electives (may include THE 302 or an additional hour of 102), if needed to complete 55 hours.

Dance Performance Sequence:

- 55 hours in Theatre required.
- Required courses: THE 102 (2 hours), 110, 112, 125, 130, 203, 204; 8 hours of THE 205/305; 8 hours of THE 207/307; 6 hours of THE 219/319; 237, 325, 358, 372, 373, 374, 382; and 1 hour of electives from the School of Theatre to complete 55 hours.
- Continuation in this sequence after the freshman year is by consent of the School of Theatre Dance faculty.
- Ongoing assessment reviews take place for each student throughout the program to monitor progress and development.
- A qualifying performance is required for all incoming students wishing to enter into level II or level III dance technique coursework. Students who are deficient in dance technique or do not make continual progress will have to begin in a lower-level technique course (THE 105, 107, or 119) or repeat a semester of technique to be promoted to the next level. Promotion to each level is at the discretion of the instructor. Deficiency hours will be above the 55 hours required for this sequence. Information concerning admission auditions is available from the School of Theatre.
- The B.A. major degree requires successful completion of LAN 115 (or equivalent). The B.S. major degree requires successful completion of one additional three-hour natural science, mathematics, statistics, or technology course beyond the General Education requirements.
- **NOTE:** Students in the Dance Performance Sequence are encouraged to participate in at least one Illinois State Dance Theatre production each semester. Credit in THE 302 may be earned for the participation in repertory and performance in Dance. Students are encouraged to participate in the following areas of dance production experience: stage management, costume or lighting running crew, choreography, and/or performance.

Design/Production Sequence:

- 55 hours in Theatre required.
- Required courses: THE 102 (2 hours), 103, 104, 110, 130, 160, 237, 240, 258, 376, 377.

- 6 hours to be selected from: ATK 240; THE 261, 330, 362.
- 6 hours to be selected from: ATK 240; THE 261, 330, 362 (if not used to satisfy other requirements); ATK 340; THE 232; 331 or 334; 332, 333, 335, 342, 349, 361, 363, 365, 367.
- Theatre electives to complete 55 hours.
- NOTE: If repeated, the following courses may be used as electives after the first 3 hours of credit: THE 330, 332, 333, 335, 363.

Theatre Studies Sequence:

- 43 hours in Theatre required.
- Required courses: THE 101, 102 (2 hours), 103, 104, 110, 130, 160, 170, 237, 240, 376, and 377.
- Students in the major are required to complete 1 of the following concentrations:
 - Cinema Studies** (9 hours): THE 371 and 6 hours from THE 270, 271, 273 or 370 (271 and 273 are each repeatable with different content).
 - Creative Drama** (9 hours): THE 280 and 6 hours from THE 381 (may be repeated), or ART/THE 183.
 - Directing** (9 hours): 3 hours of THE 340, and an additional 6 hours from 340, 341, 342, or 380.
 - Dramaturgy/History** (9 hours): THE 379 and 6 hours from 287, 300, 371, 372, 373, 374, 375; ENG 222, 325, 327, 328; ENG/THE 378.
 - Integrated Performance** (9 hours): THE 113 and 6 hours from THE 105, 107, 119, 183, 211, 212, 220, 221, 314.03, 314.05, 314.08, 341; or ATK 260.
 - Theatre Management** (9 hours): THE 344, 345, and 3 hours of 309.

Dance Education Sequence:

- 72 total hours are required.
- 48 hours in Theatre required: Part of entitlement program leading to certification: secondary 6-12.
- Required courses: THE 102 (2 hours), 112, 125, 130, 203, 204; 6 hours of THE 205/305; 4 hours of THE 207/307; 6 hours of THE 219/319; 224, 227, 261, 327, 372, 373, 374, 383.
- Professional Education courses (24 hours): PSY 215; C&I 212, 214, 216; at least 3 hours from EAF 228, 231, 235; 10 hours of Student Teaching STT 399; 100 clock hours minimum of pre-student teaching clinical experiences.
- A second area of preparation or field of study and an endorsement in a second teaching field is required for certification in dance. The hours required for the endorsement are in addition to the 72 hours in this sequence.
- To qualify for certification, students must complete the Professional Education requirements and the General Education requirements as described in the Teacher Education - Secondary Education section of this *Undergraduate Catalog*.
- A qualifying performance audition is required for all incoming students wishing to enter into level II or level III dance technique coursework. Students who are deficient in dance technique or do not make continual progress will have to begin in a lower-level technique

course (THE 105, 107, or 119) or repeat a semester of technique to be promoted to the next level. Promotion to each level is at the discretion of the instructor. Deficiency hours will be above the 48 hours required for this sequence. Information concerning admission auditions is available from the School of Theatre.

- The B.A. major degree requires successful completion of LAN 115 (or equivalent). The B.S. degree requires successful completion of one additional three-hour natural science, mathematics, statistics, or technology course beyond the General Education requirements.
- NOTE: Dance students are encouraged to participate in at least one Illinois State Dance Theatre production each semester. Credit in 302 may be earned for the participation in repertory and performance in Dance. Students are encouraged to participate in the following areas of dance production experience: stage management, costume or lighting running crew, choreography, and/or performance.
- NOTE: All Teacher Education students are required to pass the State of Illinois Basic Skills Test in reading, writing and mathematics before registering for C&I 214 and 216. For this reason, students should take the State of Illinois Basic Skills Test (fee required) as early as possible.

Theatre Education Sequence:

- 42 hours in Theatre required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses: THE 101, 102 (2 hours), 103, 104, 110, 113/313, 130, 160, 185 (2 hours), 237, 240, 280, 285 (2 hours), 385, and 1 course selected from 340, 341, 261 or 362.
- Students are required to enroll in THE 185/285 for a minimum of 1/2 credit hour their first semester and to complete a total of 4 credit hours of prescribed field activities in Theatre Education as a part of their program.
- The School recommends that students who plan to teach in high school take COM 123 and 223.
- The School requires Theatre Teacher Education candidates to complete an endorsement in a second teaching field.
- To qualify for certification, students must complete the Professional Education Requirements as described in the University-Wide Teacher Education-Secondary Education section of this *Undergraduate Catalog*.

MINOR IN THEATRE

- 24 hours in Theatre required.
- Required courses: THE 101, 102 (1 hour), 103, 104, 110, 130, 160, 240; and Theatre electives to complete 24 hours.

Theatre Education Sequence:

The Teacher Education Sequence in the Minor in Theatre does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

MINOR IN CINEMA STUDIES

- 18 hours of Cinema Studies required.
- Required courses: THE 170, 370, 371.
- 9 additional hours from: ART 252; THE 171, 176.02, 270, 271, 273, 275.02.

MINOR IN DANCE

- 24 hours required.
- Students in this minor must be sufficiently proficient in ballet, jazz, and modern dance to be placed in the second-level courses by audition. Students should begin their studio sequences with THE 205, 207, and 219. This minor may require more hours than listed for students with studio deficiencies.
- Required courses: THE 102, 112, 125, 205, 207, 219, 261, 305, 319, 372, 373.

Teacher Education Sequence:

- KNR 153.10; THE 227, 327, and 3 hours of Theatre electives as approved by the Dance advisor.

The Dance Teacher Education Minor does not lead directly to teacher certification. Students seeking an additional teaching endorsement in this academic area should contact their advisor or the Illinois State Board of Education Website (www.isbe.net) for specific certification requirements.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Theatre Courses

101 ORAL INTERPRETATION OF LITERATURE

3 sem. hrs.

The individual performance of non-dramatic literature as an approach to the study of literature and performance.

102 THEATRE PRACTICUM

1/2 sem. hr.

Production experience in costume, properties or scenery construction; lighting preparation, scene painting, backstage crew or ushering. May be repeated.

103 FUNDAMENTALS OF THEATRE I

3 sem. hrs.

Survey of dramatic literature examining genre and style in historical context, Ancient Greece to Restoration. Introduces methods of dramatic analysis.

104 FUNDAMENTALS OF THEATRE II

3 sem. hrs.

Survey of dramatic literature examining genre and style in historical context, 17th to 21st century. Introduces methods of dramatic analysis. Prerequisite: THE 103.

105 MODERN DANCE I

2 sem. hrs.

An introduction to modern dance through technique, improvisations, and composition. May be repeated; maximum 4 hours. Offered odd-numbered years.

107 CLASSICAL BALLET I

2 sem. hrs.

An introduction to the techniques and style of ballet. May be repeated; maximum 4 hours. Offered even-numbered years. Formerly *BALLET I*.

110 ACTING I

3 sem. hrs.

Basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, discussions, and performance projects. May be repeated; maximum 6 hours. Prerequisites: Major/minor only. Consent instructor.

112 DANCE IMPROVISATION

2 sem. hrs.

Basic principles of exploration in creative movement potential, performance skills, and spontaneous decision-making through the medium of dance improvisation.

113 ACTING II

3 sem. hrs.

Analysis, rehearsal, and performance of representative scripts. Not for credit if had THE 313. Prerequisites: THE 110 or equivalent, and consent instructor.

119 JAZZ DANCE I

2 sem. hrs.

An introduction to the techniques and style of jazz dance including a historical overview of the jazz dance idiom. May be repeated; maximum 4 hours.

125 DANCE COMPOSITION I**2 sem. hrs.**

Theory and practice in principles of dance composition emphasizing solo and small group work focusing on traditional forms and approaches. Prerequisite: THE 112.

130 INTRODUCTION TO COSTUME**3 sem. hrs.**

Study and practical application of costume construction techniques and the study of basic costume design practice. Lab arranged. Materials charge optional.

152 EXPERIENCING THEATRE OC-FA**3 sem. hrs.**

Introduction to the principles and the collaborative processes of theatrical production. Theatre attendance required. Prerequisites: ENG 101; COM 110.

153 INTRODUCTION TO ACTING**3 sem. hrs.**

Introduction to process and nature of acting; variety of theatre experiences to encourage an understanding and appreciation of actor's craft. Not for credit major/minor.

**154 INTRODUCTION TO BLACK
DRAMA AND THEATRE****3 sem. hrs.**

Exploration of the plays of the African-American dramatists from the Harlem Renaissance to the Black Arts Movement through lecture, discussion, and workshop techniques.

160 STAGECRAFT**3 sem. hrs.**

Theory and technique of basic construction and rigging procedures. Materials charge optional. Lab.

170 INTRODUCTION TO FILM ART**3 sem. hrs.**

Artistic and social aspects of the cinema as a contemporary art form. Screening and discussion of selected films.

171 HISTORY OF THE AMERICAN FILM**3 sem. hrs.**

Aesthetic, cultural and industrial aspects of American film history. May be repeated.

176.01 ARTS AND SOCIETY: THEATRE**3 sem. hrs.****OC-FA**

Examination of the relationship between theatre and politics/culture. Prerequisites: ENG 101; COM 110.

176.02 ARTS AND SOCIETY: FILM OC-FA**3 sem. hrs.**

Examination of film's influence on society, and society's influence on film. Prerequisites: ENG 101; COM 110. Film screening required.

183 PUPPETRY**3 sem. hrs.**

Introductory course on the art of puppetry. Course gives students understanding of the theoretical and practical implementation of the art of puppetry. Also offered as ART 183.

**185 CONTINUING ORIENTATION
TO THEATRE EDUCATION I****1/2 sem. hr.**

Principles of administering a secondary-school theatre program as a learning facilitator, formulating appropriate skills and knowledge for a beginning student in education. Structured as program with instructional projects, required experiences, and developmental evaluations which are to be completed prior to entering Continuing Education II and Professional Studies. Includes Clinical Experience: 5-30 hours, Type 1-4. Prerequisites: Theatre Education majors only, must enroll for 1/2 hour per semester for 8 semesters in THE 185 and 285 for a total of 4 hours; concurrent registration possible; exceptions (especially for transfer students) by consent of school director.

**203 RHYTHMIC FUNDAMENTALS
AND LITERATURE FOR DANCE****2 sem. hrs.**

An overview of music literature specifically composed for dance emphasizing the theoretical and practical analysis of music form and style.

**204 FUNDAMENTALS OF MOVEMENT
AND SOMATICS OF DANCE****2 sem. hrs.**

Biomechanical principles related to the skeletal and muscular systems with explorations and applications as they relate to the dancer's training. Prerequisites: THE 205, 207.

205 MODERN DANCE II**2 sem. hrs.**

Intermediate modern technique and theory emphasizing personal expression and dramatic potential of movement while maintaining clarity and articulation in performance. May be repeated; maximum 6 hours. Formerly *INTERMEDIATE MODERN DANCE*. Prerequisites: Placement by audition or promotion. Consent instructor.

207 CLASSICAL BALLET II**2 sem. hrs.**

Intermediate ballet technique and theory emphasizing artistic growth while maintaining clarity and technical articulation in performance. Pointe technique included. May be repeated; maximum 6 hours. Formerly *INTERMEDIATE BALLET*. Prerequisites: Placement by audition or promotion. Consent instructor.

211 VOCAL TECHNIQUE FOR THE ACTOR I**3 sem. hrs.**

Studies in relaxation, breathing, alignment, tonal focus, and articulation, leading to an understanding of the actor's vocal life and demands. Prerequisites: THE 113 or equivalent, sophomore standing, and consent of Acting faculty.

212 VOCAL TECHNIQUE FOR THE ACTOR II**3 sem. hrs.**

Advanced studies in theatre voice for actors, including diction, scansion, performance of Shakespeare texts, dialects and life studies. Prerequisites: THE 211, sophomore standing, and consent of Acting faculty.

219 JAZZ DANCE II**2 sem. hrs.**

Intermediate skill and technique in jazz dance with historical examination of the jazz dance idiom focusing on specific choreographic styles. May be repeated; maximum 6 hours. Formerly *INTERMEDIATE JAZZ DANCE*. Prerequisites: Placement by audition or promotion. Consent instructor.

220 STAGE MOVEMENT I**3 sem. hrs.**

Fundamental principles of stage movement, including self-awareness, flexibility, relaxation, and physical characterization. Prerequisites: THE 113 or equivalent, sophomore standing, and consent of Acting faculty.

221 STAGE MOVEMENT II**3 sem. hrs.**

A continuation of Stage Movement I with a focus on physical characterization for period styles including Shakespeare, Restoration and Farce. Prerequisites: THE 220, sophomore standing, and consent of Acting faculty.

224 COMPOSITION FOR THE MUSICAL THEATRE**2 sem. hrs.**

Theory and practice of musical theatre choreography tracing the development of the genre from Minstrelsy to contemporary 21st century works. Prerequisites: THE 125 or consent instructor. Theatre attendance.

227 DANCE PEDAGOGY I**2 sem. hrs.**

Basic principles and techniques of teaching dance integrating professional studies of technical and conceptual content knowledge with pedagogical content knowledge. Includes Clinical Experience: 20 hours, Type 1-4. Prerequisites: Admission to Teacher Education required for Teacher Education Sequence.

228 SPECIAL TOPICS IN DANCE**1-3 sem. hrs.**

Intensive study of selected dance forms, styles, or repertory. May be repeated; maximum 6 hours.

229 ARTS FOR EARLY CHILDHOOD: DANCE**3 sem. hrs.**

Methods and materials in traditional and creative activities; interrelationships of dance with the other arts. Not for credit if had THE 226. Prerequisites: Early Childhood Education major only. Completion 30 hours.

232 INTERMEDIATE COSTUME CONSTRUCTION**3 sem. hrs.**

Basic pattern creation and assembly for the theatrical costume craftsman. Introduction to fundamental flat pattern drafting and draping techniques. Student responsible for supplying sewing notions and materials for projects. Prerequisites: THE 130, sophomore standing, and consent of instructor.

237 STAGE MAKE-UP**2 sem. hrs.**

Introduction to make-up technique through lecture-demonstration and laboratory practice. Development of ability in corrective and prosthetic make-up for characterization. Materials charge optional. Prerequisite: Sophomore standing.

240 PRINCIPLES OF STAGE DIRECTION**3 sem. hrs.**

Acquaints the student with the basic principles of stage direction and provides a basic vocabulary and methodology. Prerequisites: THE 110 and 160; sophomore standing.

258 INTRODUCTION TO SCENOGRAPHIC TECHNIQUES**3 sem. hrs.**

Exploration/application of graphic fundamentals for use in theatrical design. Emphasis on drafting and mechanical perspective techniques for the theatre. Prerequisites: THE 160; sophomore standing.

260 TECHNICAL PROCEDURES**3 sem. hrs.**

Procedures and problems of technical production. May be repeated; maximum 6 hours. Prerequisites: THE 160, 258, sophomore standing, or consent of instructor.

261 LIGHTING FOR STAGE**3 sem. hrs.**

Instrumentation, aesthetics, application of theatrical lighting through classroom/laboratory study. Formerly *LIGHTING FOR STAGE AND TELEVISION*. Prerequisites: THE 160 and sophomore standing, or consent of instructor.

270 THE DOCUMENTARY IN FILM AND BROADCASTING**3 sem. hrs.**

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio. Also offered as COM 270.

271 STUDIES OF NON-WESTERN FILM**3 sem. hrs.**

Cross-cultural study of the historical and aesthetic development of non-Western national cinemas through selected African, Indian, Japanese, and Chinese films. May be repeated. Prerequisites: THE 170 or consent instructor.

273 TOPICS IN FILM CRITICISM**3 sem. hrs.**

Comparative and in-depth study of critical methods for film interpretation and of the theoretical sources for these methods. May be repeated. Prerequisites: THE 170 or consent instructor.

275.01 WORLD ARTS: THEATRE OC-FA**3 sem. hrs.**

Introduction to the theatre of Asia, the Middle East, Africa, and Latin America. Prerequisites: ENG 101; COM 110; MC-LH category.

275.02 WORLD ARTS: FILM OC-FA**3 sem. hrs.**

Introduction to film from Asia, the Middle East, Africa, and Latin America. Prerequisites: ENG 101; COM 110; MC-LH category. Film screening required.

280 CREATIVE DRAMA**3 sem. hrs.**

Drama in instructional situations for preschoolers through adults, including theory and activities for personal creative growth and teaching both the arts and non-arts subjects. Observations and practical activities. Includes Clinical Experience: 4 hours, Type 1.

281 ARTS FOR ELEMENTARY SCHOOLS: THEATRE**3 sem. hrs.**

Drama in instructional situations for elementary education, including theory and activities for creative growth and teaching the arts/non-arts subjects. Prerequisite: Elementary Education major only.

282 ARTS FOR EARLY CHILDHOOD:**THEATRE****3 sem. hrs.**

Study of the philosophy and benefits of creative drama, theatre and symbolic/dramatic play focusing on teaching methodology and materials. Not for credit if had C&I 282. Prerequisites: Early Childhood Education major only. Completion 30 hours.

283 ARTS FOR ELEMENTARY**SCHOOLS: DANCE****3 sem. hrs.**

Methods and materials in traditional and creative dance activities, interrelationships of dance with the other arts. Prerequisite: Elementary Education major only.

285 CONTINUING ORIENTATION**TO THEATRE EDUCATION II****1/2 sem. hr.**

Continuation of THE 185 with primary focus on theory and practice. Structured projects and experiences found in principles of administering a secondary school theatre program as a learning facilitator, co-curricular director, and theatre professional. Includes Clinical Experience: 5-75 hours, Type 1-4. Prerequisites: Theatre Education major only; concurrent registration possible; exceptions (especially for transfer students) by consent of school director.

300 TOPICS IN THE LITERATURE**OF THE THEATRE****3 sem. hrs.**

Examination of dramatic literature, possibly including dramatic criticism and performance theory. Course content will vary. May be repeated with different content. Prerequisite: Sophomore standing.

302 THEATRE PRACTICUM**1-3 sem. hrs.**

Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management. May be repeated.

305 MODERN DANCE III**2 sem. hrs.**

Advanced-level skill in modern technique, theory and performance with an emphasis on full-bodied physicality, musicality, and personal expressiveness. May be repeated; maximum 6 hours. Formerly *ADVANCED MODERN DANCE*. Prerequisites: Placement by audition or promotion. Consent instructor.

307 CLASSICAL BALLET III**2 sem. hrs.**

Advanced-level skill in ballet technique providing students the opportunity to refine their technical and artistic skills; pointe technique included. May be repeated; maximum 6 hours. Formerly *ADVANCED BALLET*. Prerequisites: Placement by audition or promotion. Consent of instructor.

309 DIRECTED PROJECTS**1-3 sem. hrs.**

Individually supervised study for the advanced student. May be repeated. Prerequisites: Sophomore standing and consent of instructor.

313 ACTING II**3 sem. hrs.**

Analysis, rehearsal, and performance of representative scripts. Not for credit if had THE 113. Prerequisites: THE 110 or equivalent; junior standing, and consent of Acting faculty.

314 ACTING STYLES: DISCOVERY AND PERFORMANCE**3 sem. hrs.**

Performance styles of a particular playwright, period, or medium, including: Topic .01 Realism, Topic .02 Shakespeare, Topic .03 On Camera, Topic .04 Indian Theatre, Topic .05 Special Topics, Topic .06 Animals, Topic .07 Improvisation, and Topic .08 Acting for the Musical Theatre. Prerequisites: Junior standing and consent of Acting faculty.

319 JAZZ DANCE III**2 sem. hrs.**

Advanced-level jazz technique and performance course that concentrates on skills and concepts vital to the developing professional dancer. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion. Consent of instructor.

322 AUDITIONING**3 sem. hrs.**

Preparation, performance, and evaluation of numerous audition projects; discussion of the actor's search for employment in the professional theatre. Prerequisites: Acting major only, 6 hours of THE 314, senior standing, and consent of Acting faculty.

325 DANCE COMPOSITION II**2 sem. hrs.**

Continued development of theoretical concepts and advanced approaches to choreography emphasizing choreographic form, individual style, works of substance and maturity. Formerly THE 225. Prerequisites: THE 125 or consent instructor.

327 DANCE PEDAGOGY II**2 sem. hrs.**

Continued study of dance pedagogy through a variety of supervised clinical experiences and advanced projects related to the teaching profession. Includes Clinical Experience: 55 hours, Type 1-5. Prerequisites: Admission to Teacher Education required for Teacher Education Sequence. THE 227 or consent instructor.

330 THEATRICAL COSTUME DESIGN**3 sem. hrs.**

Research and practical application to theatrical costume designing; use of dramatic analysis. May be repeated; maximum 6 hours toward degree program. Prerequisites: THE 103, 104 and 130.

331 HISTORY AND STYLES OF STAGE COSTUMING I**3 sem. hrs.**

The costume's reflection of cultural and social milieu and the costume's application to the stage: Antiquity to 18th century. Offered even-numbered years. Prerequisites: THE 103, 104 and 130.

332 COSTUME CONSTRUCTION**3 sem. hrs.**

Various rotating topics focusing on flat pattern, draping, and tailoring techniques for the theatrical costume craftsman. May be repeated; maximum 9 hours toward degree program. Prerequisites: THE 103, 104, 130, 232 and consent of instructor.

333 COSTUME CRAFTS**3 sem. hrs.**

Various rotating topics focusing on millinery, prosthetics, wigs, fabric manipulation and other uses of special materials for the theatrical costume craftsman. May be repeated; maximum 9 hours toward degree program. Materials charge optional. Prerequisites: THE 103, 104, 130, 232 and consent of instructor.

334 HISTORY AND STYLES OF STAGE COSTUMING II**3 sem. hrs.**

The costume's reflection of cultural and social milieu and the costume's application to the stage: French Revolution to Vietnam War. Offered odd-numbered years. Prerequisites: THE 103, 104, and 130.

335 ADVANCED COSTUME DESIGN**3 sem. hrs.**

Intensive work in the area of costume design and rendering for the stage; emphasis upon idea development and communication skills. May be repeated; maximum of 6 hours towards degree. Prerequisites: THE 103, 104, 130, 330 and/or consent of instructor.

340 DIRECTING WORKSHOP**3 sem. hrs.**

Principles and methodologies of stage direction applied to particular problems in a workshop format. May be repeated; maximum 6 hours toward degree program. Prerequisites: THE 103, 104 and 240.

341 ORAL INTERPRETATION OF LITERATURE II**3 sem. hrs.**

Group forms of Interpretation—Readers Theatre and Chamber Theatre, with experiences to provide the student with practical applications of theory and principle. Prerequisites: THE 101, 103, 104, or consent of instructor.

342 INTRODUCTION TO STAGE MANAGEMENT**3 sem. hrs.**

Introduction and application of basic principles of stage management, with emphasis on the paperwork and procedures required in theatrical productions. Prerequisites: THE 103, 104, 130, and 160 or consent of instructor.

344 PRINCIPLES OF THEATRE MANAGEMENT**3 sem. hrs.**

Introduction and demonstration of the practices and procedures of theatre management in today's theatre. Prerequisite: THE 103, 104.

345 ADVANCED THEATRE MANAGEMENT**3 sem. hrs.**

Intensive work in business management techniques for arts organizations, including management practices, union contracts, payrolls, budgeting and income controls. Prerequisites: THE 103, 104 and 344 or consent of instructor.

348 PLAYWRITING**3 sem. hrs.**

Playwriting techniques of selected masters with practical application of techniques in writing original plays. Also offered as ENG 348.

349 ADVANCED STAGE MANAGEMENT**3 sem. hrs.**

Application of advanced stage management skills with emphasis on procedures used in professional Equity theatrical productions, dance, opera, and touring. Prerequisites: THE 103, 104 and 342 or consent of instructor.

358 INTERDISCIPLINARY CHOREOGRAPHIC PROJECTS**2 sem. hrs.**

Interdisciplinary approaches to the development of choreography of extended structure and content enriched through the collaboration of other art forms. Prerequisite: THE 325 or consent instructor.

359 COMPUTER-BASED ART AND GRAPHIC DESIGN**3 sem. hrs.**

Application of advanced 2D and 3D graphics programs to solve creative problems in the visual and theatrical arts. Also offered as ART 359. Materials charge optional. Prerequisite: ATK 201 or consent instructor.

361 ADVANCED STAGE LIGHTING**3 sem. hrs.**

Lighting design for proscenium and non-proscenium production; attention to system design. Prerequisites: THE 103, 104, 258, 261 or consent of instructor.

362 STAGE DESIGN**3 sem. hrs.**

Nature, function, and aesthetics of scene design, with practice in composition. Prerequisites: THE 103, 104, 160 and 258 or consent of instructor.

363 ADVANCED DESIGN**3 sem. hrs.**

Intensive work in the areas of design and rendering for the stage; emphasis upon new materials and techniques. May be repeated; maximum 6 hours toward degree program. Prerequisites: THE 103, 104 and 362.

364 ADVANCED PROJECTS IN DESIGN**2-4 sem. hrs.**

Design and production problems as they relate to productions being mounted by the School of Theatre. Emphasis placed upon creative and collaborative aspects of producing theatre. May be repeated. Prerequisite: THE 103, 104.

365 SCENE PAINTING**3 sem. hrs.**

Development of the skills necessary for the organization, preparation, and execution of painted scenery for the stage. Materials charge optional. Prerequisite: THE 103, 104.

366 RENDERING TECHNIQUES FOR THE STAGE**3 sem. hrs.**

A studio course investigating 2D and 3D graphic techniques for realizing theatrical designs. Various rotating topics. May be repeated; maximum 9 hours toward degree program. Prerequisites: THE 103, 104, 130, 160, 258, 261, or consent of instructor.

367 SCENOGRAPHIC TECHNIQUES**3 sem. hrs.**

Descriptive geometry and drafting techniques that are necessary in developing 3D stage space and scenic units into plans, elevations, and working drawings. Prerequisites: THE 103, 104 and consent instructor.

370 HISTORY OF THE CINEMA**3 sem. hrs.**

Historical and aesthetic development of the cinema from cinema's origins to the present. Lab; screening of significant films.

371 FILM THEORY AND CRITICISM**3 sem. hrs.**

Theories relating to the art of filmmaking. Prerequisite: THE 170 or consent instructor.

372 HISTORY OF DANCE TO 1900**3 sem. hrs.**

Historical survey of the origin, growth, development of western theatrical dance through examination of dance in early societies through 1900. Formerly *HISTORY AND PHILOSOPHY OF DANCE I*.

373 TWENTIETH CENTURY DANCE HISTORY**3 sem. hrs.**

Historical survey of the development of modern dance from late 19th to 21st century emphasizing the political and social contexts. Formerly *HISTORY AND PHILOSOPHY OF DANCE II*.

**374 MULTICULTURAL PERSPECTIVES
IN DANCE****2 sem. hrs.**

Course introduces physical characteristics, aesthetics, and functions of dance in a variety of cultures investigating ritual and ceremonial dances.

**375 THEATRE AND PERFORMANCE OF THE
AMERICAS****3 sem. hrs.**

A seminar on theatre and performance traditions of the Americas. Specific topic will change each time offered. May be repeated; maximum of 6 hours. Prerequisites: THE 103, 104.

376 THEATRE HISTORY I**3 sem. hrs.**

History of theatre from its origins through the European Renaissance. Prerequisite: THE 103, 104.

377 THEATRE HISTORY II**3 sem. hrs.**

History of drama and theatrical production from the late 17th century to the present. Prerequisites: THE 103, 104 and 376.

378 SHAKESPEARE ON STAGE**3 sem. hrs.**

Intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works. May be repeated once. Also offered as ENG 378.

379 DRAMATURGY**3 sem. hrs.**

An introduction to production dramaturgy, including advanced text analysis, research methods, rehearsal participation, and written materials for audiences. Prerequisites: THE 103, 104.

380 ADVANCED DIRECTING**3 sem. hrs.**

Advanced work in directing theory and practice. The course is designed to provide practical experience in collaboration and process. A capstone experience is the direction of a one-act play. May be repeated; maximum 6 hours. Prerequisites: THE 240; THE 340 or consent instructor.

381 CREATIVE DRAMA PRACTICUM**1-3 sem. hrs.**

Practical experience in creative drama teaching by leading a class in drama under faculty supervision for a semester. May be repeated; maximum 6 hours. Includes Clinical Experience: 10 hours minor, Type 10. Prerequisites: THE 280 and consent of instructor.

382 SENIOR SEMINAR IN DANCE**2 sem. hrs.**

Capstone experience for senior dancers designed to prepare and meet the future professional goals and unique needs of each student. Prerequisite: Senior standing or consent instructor.

383 SENIOR SEMINAR IN DANCE EDUCATION**2 sem. hrs.**

Capstone experience for senior Dance Education students providing a forum for discussion and preparation for student teaching and beyond. Prerequisites: THE 327, senior standing, and concurrent registration in STT 399.

385 PRINCIPLES OF THEATRE EDUCATION**4 sem. hrs.**

Capstone course in Theatre Education Sequence: philosophies of theatre education, teaching strategies, co-curricular programs, textbook analyses, professional organizations, related field experiences which include directing in a local high school. Includes Clinical Experience: hours 25-125, Type 1-5. Prerequisites: THE 285; C or better in C&I 216 or concurrent registration. Admission to Professional Studies.

398 PROFESSIONAL PRACTICE IN THEATRE**1-13 sem. hrs.**

Supervised theatre work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised by the School of Theatre.

MENNONITE COLLEGE OF NURSING

Dean: Janet Krejci, Ph.D., R.N.; 312 Edwards Hall

Web address: IllinoisState.edu/nursing

Mission

The mission of Mennonite College of Nursing is to educate undergraduate and graduate nursing students to serve the citizens of Illinois, the nation, and the global community. Mennonite College of Nursing acknowledges a particular responsibility to address the nursing and health care needs of urban and rural populations, including those who are vulnerable and underserved. The College of Nursing builds upon the educational foundation previously acquired by students. The College creates a dynamic community of learning in which reflective thinking and ethical decision-making are valued. The College is committed to the promotion of nursing scholarship at the national and international level through research, service, and practice. Mennonite College of Nursing is committed to being purposeful, open, just, caring, disciplined, and celebrative.

Philosophy

At the heart of the College's philosophy is the belief that all people share a common humanity. Each person must be regarded as having special biological, psychological, sociocultural and spiritual dimensions and possessing the inherent rights and responsibilities of freedom of choice and self-determination. Based on these beliefs, the College strives to grow as a caring community that supports the development of the total individual.

A vital interactive relationship exists between humankind and the environment. Environment affects each person's biological being and extends beyond physical surroundings to encompass roles, relationships, and societal structures. Because all human beings influence and are influenced by their environment, all must assume the responsibility to protect the social and natural environments in which they share.

Health is a dynamic state influenced by individual, environmental and hereditary factors. State of health, which significantly influences quality of life, is shaped by many factors, including an individual's decision-making and behaviors. Pursuit of wellness is the right and responsibility of each person. Nursing holds the potential to strengthen each human being pursuing optimal health and achieving a harmony of body, mind and spirit.

Nursing is a profession that continues to evolve through research, theory, and practice. Professional nursing, encompassing a range of therapeutic interventions aimed at promoting and restoring health, addresses actual and potential health care needs of individuals, families, groups, and communities. Nursing care is delivered in diverse settings in a systematic manner through use of the nursing process. In providing their

professional services, practitioners of nursing manifest role dimensions that are collaborative and independent in nature. Because dynamic social forces influence the nature and scope of nursing practice, critical thinking, effective communication, and caring are abilities required for professional nursing practice in changing environments.

As a profession, nursing adheres to standards of practice and ethical codes as a means of ensuring quality care for all persons. The current Illinois Nursing Act serves as the legal basis for the practice of nursing in the State of Illinois.

Mennonite College of Nursing is committed to cultivating the personal and professional potential of each member of the College community. The faculty believe that learning as a life-long process is promoted when intellectual inquiry, creativity, self-awareness, self-direction, maturity, and responsibility are valued. Learning is a process of developing human potential through the interaction of the individual with the environment. This interaction aims to achieve positive attitude changes, knowledge acquisition, and professional competence.

The faculty of Mennonite College of Nursing believe that the knowledge, attitudes, and skills required for professional nursing are best achieved when built upon a solid foundation of study in the humanities and sciences. The faculty value a liberal arts education, which fosters an understanding of society and provides a humanistic basis for the study of nursing. Baccalaureate nursing education prepares the graduate for the practice of professional nursing and provides the basis for graduate study in nursing. Masters-level nursing education prepares nursing leaders and advanced practitioners, advances nursing scholarship, and provides the foundation for doctoral study.

The College offers a graduate program leading to the Master of Science in Nursing. The College offers a Family Nurse Practitioner Sequence, Clinical Nurse Leader Sequence, Nurse Educator Certificate, and a Nursing Systems Administration Sequence, as well as a Post Master's Family Nurse Practitioner (FNP) Certificate. A Doctoral program in nursing with a focal area in aging is also offered.

Terminal Outcome Abilities

Upon completion of the baccalaureate nursing program, the graduate will possess the following terminal outcome abilities.

Caring: The student will use a variety of caring modalities that promote health, healing, and dignity throughout the life span.

Critical Thinking: The student will use critical thinking to make judgments and develop therapeutic nursing interventions for optimal health.

Communication: The student will communicate effectively with individuals, families, and groups.

Professional Practice: The student will assume accountability for professional practice in contemporary society through the application of theory-based knowledge.

Accreditation

The Nursing program is fully accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW Suite 530, Washington, D.C. 20036; (202) 887-6791; and also is approved by the Illinois Department of Professional Regulation. The College is a member of the American Association of Colleges of Nursing.

NURSING (NUR) 581

303 Edwards Hall, 312 Edwards Hall, and the Professional Development Building

Phone: (309) 438-7400

Web address: IllinoisState.edu/nursing

Tenured/Tenure-track Faculty: Astroth, Campbell, Carlson, Dyck, Gabrielson, Holston, Jeffers, Jenkins, Kerber, Kim, Kossman, Lindsey, Mallory, Wilson, Woith.

Nontenure-track Faculty: Clemens, Cranston, Guymon, Hudgins, Jansen, Johnson, Kaesberg, Kelley, Kennell, Malinowski, Miller, Penrod, Petro, Saxton, Sloman, Stenger.

General Information

Should a course not be held due to inadequate enrollment, those individuals registered for the course will be contacted and changes in the program of study made. Information regarding other policies and procedures of Mennonite College of Nursing, student advising, student services provided, and information about endowed scholarships and other private funding sources, is available on the College Website: IllinoisState.edu/nursing.

Admission to Nursing Major:

Admission Deadlines: Applications and supporting documents received prior to January 15 for admission consideration the following Fall/Spring semesters will receive preferential admission review over applications and supporting documents received at a later date.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit www.FindYourMajor.ilstu.edu or contact the undergraduate advisor for the intended major.

Students may also apply for admission to the Prelicensure/BSN Sequence through an accelerated plan of study. To be considered for admission to the Accelerated Option, a student must have completed all Prelicensure/BSN

requirements in addition to having completed a B.S. or B.A. in a non-nursing major. Additional information about the Accelerated Option can be found on the College Website: IllinoisState.edu/nursing.

Early Admission to Prelicensure/BSN Sequence:

Students applying to Illinois State University as a freshman may be considered for Early Admission into the nursing major by indicating "nursing major" as the major of choice on the Illinois State University application. Students are accepted via Early Admission on a competitive and selective basis. Those students who are accepted via Early Admission will receive an acceptance letter from the Illinois State University Office of Admissions. The number of students admitted via Early Admission will vary from year to year depending on program capacity, enrollment targets, and qualifications of students in the pool.

To maintain Early Admission status, students must meet the following requirements: earn a grade of C or better in all required prerequisite courses and maintain a cumulative grade point average of 3.00 on a scale of 4.00. Any student not adhering to the above criteria will become Undeclared and will need to reapply to the nursing major during specified time periods.

Readmission to the Prelicensure/BSN Sequence:

Upon admission to the Prelicensure Sequence, all students (excluding those students in the Early Admission Sequence) are expected to maintain consecutive fall-spring enrollment in nursing courses. Any student who has not been enrolled in nursing coursework for more than one fall or spring semester or who has been academically dismissed from the major must reapply to the college. Students who are readmitted may be required to complete Success Plan testing and lab proficiency testing. The costs of such testing are the responsibility of the student. Applicants interested in readmission should contact a College of Nursing academic advisor. Readmission applications must be received before April 1 for fall readmission and before October 1 for spring readmission. When applicable students must first be readmitted to the University before submitting a readmission application to the college. Readmission will be granted on a selective basis.

Admission to RN/BSN Sequence:

To be admitted a student must:

- First be admitted to Illinois State University;
- Be a graduate from a state-approved diploma school of nursing or an associate degree nursing program;
- Be licensed as a registered nurse in the State of Illinois;
- Have completed the Associate Degree in Arts (A.A.) or an Associated Degree in Science (A.S.) or a specified portion of the Illinois Transferable General Education Core Curriculum;
- Complete specific required courses: CHE 110, 112 or CHE 140; ECO/GEO/POL/PSY 138 or MQM 100 or MAT 150, PSY 110, 213; BSC 160, 181, 182; and FCS 102; with a C or better in each of these specific required courses;

- Submit one recommendation form from a current employer (if not employed, may be from a recent college instructor or academic advisor);
- Have a minimum cumulative GPA of 2.70.

RN/BSN Readmission to the Major:

Students in the RN/BSN Sequence are expected to follow the approved plan of study developed in consultation with the student at the time of admission. Any student who does not adhere to an approved plan of study, or who has been academically dismissed from the major, must reapply to the college. Readmission applications must be received before April 1 for fall readmission and before October 1 for spring readmission. When applicable students must first be readmitted to the University before submitting a readmission application to the college. Readmission will be granted on a selective basis and based on course availability. Students interested in applying for readmission should contact a College of Nursing academic advisor.

Academic Requirements:

The following academic requirements apply to all undergraduate students enrolled in Mennonite College of Nursing.

Prelicensure/BSN Sequence:

- 65 hours of major courses required, including: NUR 224, 225, 229, 231, 237, 239, 314, 316, 317, 325, 326, 327, 329, 336, 339; and 3 hours of non-nursing elective credit. Students should consult with the Nursing academic advisor for approved electives.
- C or better is required in all Nursing courses for retention in the Major.
- If a student receives less than a grade of C in any given nursing course, he/she must repeat that course in the first available semester in which it is offered.

RN/BSN Sequence:

- 64 hours of major courses required, including: NUR 223, 227, 236, 238, 240, 330, 331, 340, 341; and 33 semester hours earned as Escrow Credit;
- C or better required in all Nursing courses for retention in the Major.

Diploma school or Associate Degree nursing courses are “held in escrow” for the student until successful completion of three specified Nursing upper-division courses: NUR 223, 227, and 236. Once these three courses have been successfully completed through enrollment, thirty-three (33) credits are placed on the student’s transcript for the following Nursing courses: NUR 229, 231, 314, 316, 317, and 325.

Portfolio assessment and proficiency examinations are

Retention Requirements:

Students must maintain a cumulative GPA of 2.00 and a C or better in all required Nursing courses to remain in the Nursing Major. When a student fails to maintain a cumulative GPA of 2.00 or a grade of C in any course in the Nursing

Major, the student is placed on major academic alert. This status alerts the student to the danger of dismissal from the Nursing Major. Dismissal from the Prelicensure Sequence, (including the Accelerated Option) or the RN/BSN Sequence results when a student receives a grade of less than C in any two nursing courses or twice for the same course,

All Prelicensure and Accelerated students are required to participate in the College Success Plan which is designed to provide: (1) an assessment of each student’s ability to understand and apply theoretical and clinical knowledge related to clinical courses as they progress through the curriculum; (2) assessment and outcome data for curriculum consideration; (3) an assessment of each student’s preparedness to be successful on the state licensing exam (NCLEX-RN); and (4) intervention guidelines to address any deficiencies that a student may demonstrate in understanding and applying theoretical and clinical knowledge related to clinical courses. Details of the Success Plan are available on the College of Nursing Website at IllinoisState.edu/nursing.

Clinical Experience for Nursing:

Clinical Experience is provided by an extensive clinical network of over 50 off-campus agencies including but not limited to hospitals, nursing homes, community centers, public health departments, long-term care facilities and other approved clinical learning settings. All Prelicensure students will begin their Clinical Experiences in the junior year. The students must provide their own transportation to all Clinical Experience sites.

Student Health Requirements:

Nursing is a rigorous profession requiring physical flexibility and mobility (i.e. lifting patients, moving equipment, and responding quickly in emergency situations). Students are expected to receive a physical examination upon acceptance to the program. The physical form requires students to provide information regarding physical limitations. Awareness of one’s physical limitations is vital in ensuring patient safety.

Criminal Background Checks:

All students enrolled in the Mennonite College of Nursing Prelicensure Sequence, including the Accelerated Option, will be required to complete criminal background checks prior to enrollment.

Nursing Courses

207 HEALTH CARE ETHICS

3 sem. hrs.

Introduces the student to the moral, ethical, legal, and public policy issues inherent in the delivery of health care.

223 CONCEPTS AND PRACTICE OF PROFESSIONAL NURSING

4 sem. hrs.

The roles of the nurse in controlling professional practice are introduced. Reflective practice, nursing theories, historical, ethical, political, and legal issues and trends are considered. Prerequisites: RN license. NUR major only.

224 CONTEMPORARY PROFESSIONAL NURSING
1 sem. hr.

Classroom and small group activities provide introduction to historical and contemporary social, political, legal, and ethical influences of nursing, and integration into current nursing practice. Not for credit if had NUR 221 *INTRODUCTION TO THE DISCIPLINE OF NURSING*. Prerequisite: Nursing major only.

225 HEALTH ASSESSMENT OF THE ADULT
4 sem. hrs.

Classroom and laboratory experiences provide the knowledge and skills necessary for a holistic assessment of adult clients. Expected age-related changes in older adults are also addressed. Lecture and lab. Prerequisites: NUR major only; NUR 224, 239 or concurrent registration.

227 HEALTH ASSESSMENT ACROSS THE LIFE SPAN
3 sem. hrs.

Expansion of basic knowledge and skills of physical assessment with added dimensions of psychosocial, cultural, and spiritual needs of clients across the life span. Formerly NUR 315. Prerequisites: RN license. NUR major only. NUR 223 or concurrent registration.

229 ADULT NURSING I
6 sem. hrs.

Theory and skills related to the care of adults with commonly occurring chronic health alterations are applied in various health care settings. Includes clinical experiences and lecture. Materials charge optional. Prerequisites: NUR major only; NUR 224, 225, 237, 239 or concurrent registration.

231 ADULT NURSING II
6 sem. hrs.

Acquisition of knowledge and skills needed to apply the nursing process in delivering care to patients with health problems in acute care settings. Prerequisites: NUR 224, 225, 229, 237, 239; NUR 316, 336, 339 concurrent registration.

236 RESEARCH FOR PROFESSIONAL NURSING PRACTICE: RN/BSN
3 sem. hrs.

Beginning level knowledge and skills necessary to critically read, interpret, and evaluate research; apply evidence-based practice and research utilization models. Not for credit if had NUR 331 or NUR 335. Prerequisites: RN license. Nursing major only. NUR 223 or concurrent registration.

237 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE: PRELICENSURE
1 sem. hr.

Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations. Prerequisites: Nursing major only; NUR 229 or concurrent registration.

238 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE: RN/BSN
1 sem. hr.

Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations. Not for credit if had NUR 333 or NUR 237. Prerequisites: RN license. Nursing major only. NUR 223 or concurrent registration.

239 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I: PRELICENSURE
3 sem. hrs.

Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body. Prerequisites: Nursing major only.

240 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I: RN/BSN
3 sem. hrs.

Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body. Not for credit if had NUR 334 or NUR 239. Prerequisites: RN license. NUR major only. NUR 223 or concurrent registration.

308 DIAGNOSTIC EVALUATION AND NURSING IMPLICATIONS
3 sem. hrs.

Diagnostic procedures, purpose, necessary nursing assessments, care and teaching particular to the procedure are the course focus. Prerequisites: NUR 229, 231 pre or concurrent registration.

312 DOMESTIC STUDIES IN TRANSCULTURAL NURSING
3 sem. hrs.

Provides nursing students with the opportunity to study nursing and health care delivery in diverse locations within the United States. Prerequisites: NUR 231, 316, 336, 339.

313 INTERNATIONAL STUDIES IN TRANSCULTURAL NURSING
3 sem. hrs.

Provides nursing students with the opportunity to study nursing and health care delivery at an international level. Prerequisites: NUR 231, 316, 336, 339.

314 PSYCHIATRIC AND MENTAL HEALTH NURSING
6 sem. hrs.

Focus on individual and family responses to stress along the developmental and wellness-illness continuums. Emphasis on theory-based psychiatric-mental health nursing practice. Includes Clinical Experiences and lecture. Materials charge optional. Formerly NUR 233. Prerequisites: NUR 231, 316, 336, 339.

316 MATERNAL INFANT NURSING
4 sem. hrs.

Nursing care of women, infants, and families in childbearing/early childrearing periods emphasizing normal pregnancy, common complications, infant development, and infant health problems. Includes clinical experiences, lab simulations, and lecture. Not for credit if had NUR 323 *PARENT CHILD NURSING*. Prerequisites: NUR 224, 225, 229, 237, 239; NUR 231, 339 or concurrent registration.

317 NURSING CARE OF CHILDREN
4 sem. hrs.

Nursing care of children and families during childrearing periods emphasizing normal growth and development, and health problems of toddlers through adolescents. Lecture and lab. Not for credit if had NUR 323 *PARENT CHILD NURSING*. Prerequisite NUR 231, 316, 336, 339; NUR 329, 314 concurrent registration.

325 ADULT NURSING III**7 sem. hrs.**

Examination of biological, psychological, and social responses of complex acute care in emergent and restorative settings. Includes clinical experiences and lecture. Prerequisites: NUR 314, 317, 329.

326 GERONTOLOGICAL NURSING**2 sem. hrs.**

Students will discuss theoretical applications of nursing care concepts to older adults in multiple settings. Prerequisites: NUR 314, 329.

327 MANAGEMENT AND LEADERSHIP DIMENSIONS OF NURSING**7 sem. hrs.**

Exploration of professional nursing roles based upon management and leadership perspectives. Includes Clinical Experiences and lecture. Materials charge optional. Formerly *MANAGEMENT AND LEADERSHIP DIMENSIONS OF NURSING*. Prerequisites: NUR 314, 317, 329; NUR 325, 326 or concurrent registration.

329 PUBLIC HEALTH NURSING: PRELICENSURE**5 sem. hrs.**

Public health nursing emphasizes health promotion and illness prevention strategies in the management of health care needs of aggregate populations. Includes public health clinical experiences and lecture. Materials charge optional. Formerly *COMMUNITY HEALTH NURSING: PRELICENSURE*. Prerequisites: NUR 231, 316, 336, 339; NUR 314 or concurrent registration.

330 COMMUNITY HEALTH NURSING: RN/BSN**7 sem. hrs.**

Community-based practice that emphasizes prevention strategies in the management of health care needs of individual families and aggregates in a variety of settings. Includes Clinical Experiences and lecture. Not for credit if had NUR 442 or NUR 329. Prerequisites: RN license. NUR major only. NUR 223 or concurrent registration.

331 NURSING THERAPEUTICS ACROSS THE LIFE SPAN**4 sem. hrs.**

Alternative therapies are emphasized. Research based nursing therapeutics to prevent, promote, and restore health for clients across the life span. Formerly NUR 441. Prerequisites: RN license. NUR major only. NUR 223 or concurrent registration.

336 RESEARCH AND THEORY FOR EVIDENCE-BASED PRACTICE**3 sem. hrs.**

Students develop skills necessary to provide evidenced-based care to improve patient outcomes in an ever changing health care environment. Not for credit if had NUR 235 *RESEARCH FOR PROFESSIONAL NURSING PRACTICE*. Prerequisites: NUR 224, 225, 229, 239.

339 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II: PRELICENSURE**3 sem. hrs.**

Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body. Materials charge optional. Prerequisites: NUR 239.

340 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II: RN/BSN**2 sem. hrs.**

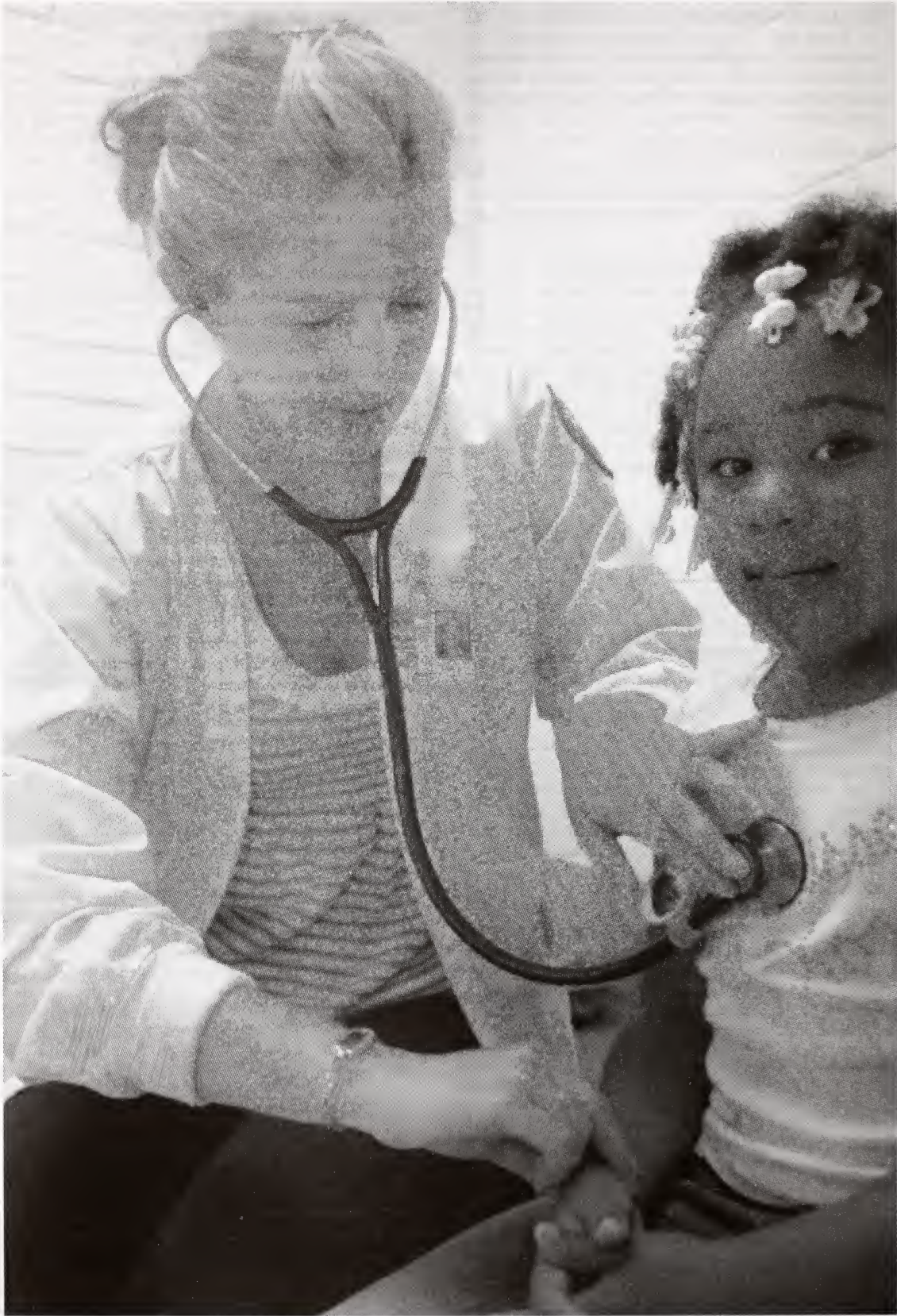
Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body. Not for credit if had NUR 434 or NUR 339. Prerequisites: RN license. NUR major only. NUR 223 & 240 or concurrent registration.

341 PROFESSIONAL NURSING LEADERSHIP DIMENSIONS: CAPSTONE EXPERIENCE**4 sem. hrs.**

Synthesize and apply knowledge of leadership concepts and theories in professional nursing roles. Various leadership roles are carried out in the practicum project. Prerequisites: RN license. NUR major only. NUR 223, 227, 236, 238, 240, 241, 330, 331, 340.

398 PROFESSIONAL PRACTICE: EXTERNSHIP IN NURSING**3 sem. hrs.**

Planned, supervised experience in a professional nursing role within a healthcare setting such as a hospital, clinic, physician's office, or public health department. Prerequisites: NUR 221, 223, 229, 239; 233 or 323; 231 or 329. Good academic standing; consent of Professional Practice Coordinator.



DEFINITIONS/GLOSSARY

In reading this catalog, you may encounter some words or phrases that are unfamiliar. The following list defines terms frequently used within the Illinois State community and will help you more easily understand information you will receive from the University.

Academic Affairs One of the four major divisions of the University, headed by the Vice President and Provost, that focuses on educational needs of students.

Academic Good Standing A minimum cumulative grade point average of 2.00, which is required for continued enrollment in the University.

Academic Progress Alert An assessment of the undergraduate student's performance in each 100-level course in which the student is enrolled. This assessment is available through the iCampus Portal by accessing www.icampus.ilstu.edu at the end of the first half of the semester.

Academic Progress Summary The University's assessment of a student's work toward completing graduation requirements for the bachelor's degree.

Academic Year The period of time commencing with the fall semester (16 weeks) and continuing through the spring semester (16 weeks) and summer term (12 weeks).

Advanced Placement Program Sponsored by the College Entrance Board, this program allows students to be awarded credit or exemptions from required courses based on test scores.

Alumni Individuals who have attended or graduated from a particular college or university.

Audit The completion of a course taken without credit.

Bachelor of Arts (B.A.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; required field(s) of study; and a foreign language requirement.

Bachelor of Fine Arts (B.F.A.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and art field of study requirements for B.F.A. degree.

Bachelor of Music (B.M.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and music field of study requirements for B.M. degree.

Bachelor of Music Education (B.M.E.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; music field of study requirements for B.M.E. degree; and professional education requirements.

Bachelor of Science (B.S.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; field(s) of study requirements; and an additional course in science, mathematics, statistics, or technology beyond the General Education requirements.

Bachelor of Science in Education (B.S. in Ed.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; Teacher Education approved major; and professional education requirements.

Bachelor of Science in Nursing (B.S.N.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and nursing field of study requirements.

Bachelor of Social Work (B.S.W.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and Social Work major requirements.

Board of Trustees The governing body for Illinois State University.

Clinical Experience A part of the program that allows for observation, participation, studies of individual pupils or clients, individual field work, and practicums both on and off campus.

College Level Examinations Program (CLEP) A program that allows students to receive credit by examination rather than completing course work.

Credit Hour A standard unit of measuring course work; credit hours are assigned to a particular course and count toward graduation, except in remedial courses. Typically a course that meets for three hours a week is worth three credit hours.

Cross-listed Course Course offered by more than one department, but treated as one course for credit purposes.

Curriculum A program of study covering the entire undergraduate or graduate career and designed to satisfy the requirement for a degree.

Dean The highest administrative officer of a college.

Department Chairperson An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Email An electronic system of sending and receiving messages. Students are strongly encouraged to use the University email program to facilitate communication with faculty and staff. Instructions for using the system are given during orientation.

Enrollment Verification Undergraduate students for fall and spring are considered full-time if they are enrolled 12.0 or more semester hours, half-time if they are enrolled fewer than 12.0 but at least 6.0 semester hours, and part-time if they are enrolled fewer than 6.0 semester hours. Undergraduate students for summer are considered full-time if they are enrolled 6.0 or more semester hours, half-time if they are enrolled fewer than 6.0 but at least 3.0 semester hours, and part-time if they are enrolled fewer than 3.0 semester hours.

Escrow Credit Credit awarded to registered nurses for their previous learning in the field of nursing.

Finance and Planning One of the four major divisions of the University, headed by the Vice President for Finance and Planning, that focuses on financial management and planning.

First Year LinC (Learning in the Communities) Freshmen transition program offered fall semester: provides a small community structure that promotes connections with peers, faculty and staff; provides experiences to learn about resources of the University; and offers opportunities to become involved in university life. First Year LinC students are enrolled in several courses with the same small group of students.

Free Application for Federal Student Aid (FAFSA) The form required for financial aid consideration at Illinois State University.

General Education Program The integrated 42 credit hour foundation courses in subjects outside a student's major that must be completed to obtain a baccalaureate degree.

Grade Point Average (GPA) The total number of grade points divided by the total graded semester hours attempted at Illinois State University.

Honors Program Program designed to serve the needs of academically talented, high-achieving students.

iCampus Portal The iCampus portal, at www.icampus.ilstu.edu, allows students to register for classes, confirm attendance, to view their grades, schedule, textbooks, financial aid status, email, Redbird card balance and more through a Web browser from anywhere in the world.

Illinois Articulation Initiative (IAI) A statewide agreement among more than 100 public and selected private institutions, designed to facilitate transfer between colleges and universities within the state.

Illinois Board of Higher Education (IBHE)
The board that oversees and coordinates all public higher education in Illinois.

Independent Study Intensive study in a special area of the student's interest under the direction of a faculty member. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

In Exchange The group of four artistic structures and green space between Old Union/Williams and Stevenson Halls.

Institute Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Courses taught as institutes are designated by the number 397.

Interdisciplinary A program or course that spans two or more academic disciplines.

Matriculation Enrollment in a degree-granting program at a college or university.

Nonresident A student whose principal residence is not in Illinois.

Nontraditional Student A student who does not fit the typical profile of undergraduate students.

Office of Enrollment Management and Academic Services A unit that assumes a leadership role in monitoring on-campus enrollment by coordinating the establishment of enrollment targets for academic programs and the University; works toward providing students with a seamless transition to Illinois State from admission to graduation; coordinates academic support and transition services for prospective and currently enrolled students; and oversees the functions of the Office of Admissions, the Financial Aid Office, the Office of the University Registrar, and University College.

Office of University Registrar An academic unit that maintains academic records, awards transfer credit, and provides enrollment verification, transcripts and course registration. Student questions can be answered in Moulton 107.

Passages A variety of social activities scheduled at the beginning of the fall semester to integrate students on campus.

PIN Personal Identification Number. A unique number assigned to each student for registration and identification purposes.

Prerequisite Specific requirements that must be completed prior to enrolling in a given class, program, or field of study.

Presidential Scholars Program Program designed to serve a select group of academically-talented students by providing a special curriculum and opportunities for study abroad and community service.

Preview A two-day program held during the summer to orient new freshmen students and their families to campus.

Professional Practice Professional Practice consists of academic/career related work experiences completed for credit either on campus or at a place of business. They may or may not be salaried. A maximum of 16 credit hours may count toward graduation.

Provost The Vice President for Academic Affairs who is responsible for all academic matters.

Research A specific investigation consisting of creating and expanding basic knowledge.

School Director An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Semester A semester at Illinois State is the 16-week academic session offered each fall and spring.

Seminar A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Student Affairs One of the four major divisions of the University, headed by the Vice President of Student Affairs, that focuses on personal and nonacademic needs of students.

Student Code Enforcement and Review Board (SCERB) The board that oversees appeals of student disciplinary/grievance cases and reviews related policies.

Syllabus A document describing the objectives, outcomes, assessment activities, and structure of a course.

Transcript The University's official record of credit or degrees awarded, including the courses taken by a student and the grades received in each course.

Transfer Days Specifically designated days for transfer students to meet with an academic advisor and to complete advance registration.

University Advancement One of the four major divisions of the University, headed by the Vice President for University Advancement, that focuses on public outreach and fundraising.

University College An academic unit that provides academic support to all students, advising all freshmen and students who have not chosen a major or been admitted to major programs, as well as students who need help improving their academic skills. University College also advises students in the Major in University Studies.

WGLT A national public radio station affiliate licensed to Illinois State University.

Workshop Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses.

Program and Course Explanations

UNITS OF INSTRUCTION

Major: A cohesive combination of courses, including introductory, intermediate, and advanced course work that designates a student's primary area of specialization. Majors are designated on University transcripts.

Minor: A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on University transcripts upon receipt of degree.

Sequence: A subdivision of a major/minor in which there are specific requirements. Sequences of the same major or minor generally share a common core within a major or minor. Sequences are designated on University transcripts upon receipt of degree.

Concentration: A subdivision of a major without specific requirements that is provided for advisement only. Concentrations are not designated on university transcripts. All informal curricular recommendations made by departments and schools (such as emphases, tracks, areas of study, specializations, etc.) should be considered concentrations. Concentrations are advisory only; no approval process is required.

COURSE OFFERINGS

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

Extension courses: Typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Independent Study: Intensive study in a special area of the student's interest under the direction of a qualified member of the faculty. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of six semester hours may be applied toward graduation.

Institute: Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Institutes are designated by the number 397.

Internet courses: Makes use of Illinois State's connection to the World Wide Web and other electronic resources. These courses may utilize on-line materials, courseware, and discussion groups, and may be delivered in any asynchronous mode.

Professional Practice: Professional Practice consists of one or more credit-generating, academic/career related, salaried or non-salaried work experiences. Professional Practice work sites are located on the Illinois State University campus and with business, industry, government, and other agencies and organizations outside the University. Professional Practice courses are designated by the numbers 198, 298, 398, 498, and 598.

Seminar: A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Temporary Course: Temporary courses are approved by the curricular committees for a time period not to exceed three years. Temporary courses often are used to experiment with a new curricular design, to take advantage of the skills of a faculty member who will be at the University for a limited period, or to respond to particular interests of students. Temporary courses are designated by the numbers 189, 289, 389, 489, and 589. Temporary courses may not be required within a major or sequence.

Topics Course: An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. Each topic is of sufficient significance to be treated separately as a unit of instruction for an entire semester or term. The content of the course varies by semester.

Workshop: Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses. Workshops are generally designated by the numbers 193, 293, 393, 429, and 493.

COURSE INFORMATION

The University operates on the semester plan. The credit value of all courses is stated in terms of semester hours. Ordinarily, a semester hour is assigned for a 50-minute class meeting per week for the semester; therefore, a course valued at three semester hours generally meets three periods weekly. In laboratory courses, at least two 50-minute periods per week are ordinarily required for each semester hour of credit.

Course Availability: Some courses listed in the *Undergraduate Catalog* may not be available each year. Students should consult the major department/school or the University Web site at www.IllinoisState.edu for class availability. Questions concerning scheduling of courses should be referred to the department chairperson or school director.

Course prerequisites in effect at the time of publication are printed in this catalog. However, prerequisites may change over time and do not depend on catalog year. The registration system will enforce prerequisites in effect at time of registration.

COURSE NUMBERING

Each course bears a distinguishing number for identification and indication of its academic level. The numbering system is as follows:

100-199 Lower-division undergraduate courses, primarily for freshmen and sophomores.

200-299 Upper-division undergraduate courses, primarily for juniors and seniors. A student normally should have completed at least 45 semester hours before enrolling in a course at this level.

300-399 Advanced undergraduate courses. Open to juniors, seniors, and sometimes graduate students. A student normally should have completed at least 75 semester hours before enrolling in a course at this level.

400-499 Graduate courses. See the *Graduate Catalog*. Courses at this level are for graduate students. In exceptional instances, a senior may receive permission to enroll for undergraduate credit in a course at this level. Seniors may be permitted to begin graduate work if they meet the conditions of the Senior in Good Standing Policy as described in the *Graduate Catalog*.

500-599 Courses limited to advanced graduate or doctoral students.

COURSE DESCRIPTIONS

The following information is given for each course: course number (three or five digits preceding the title); course title; and credit value in semester hours. The University may cancel or add course offerings after publication of this *Undergraduate Catalog* depending upon the adequacy of enrollment and availability of faculty. Following the above information, any prerequisites, restrictions on enrollment, and any special considerations are noted. A course prerequisite is knowledge or experience a student is required or recommended to have prior to enrolling in a course.

Sample Course Listing:

102 MUSIC THEORY

2 sem. hrs.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms. Prerequisites: MUS 101 or consent Theory Coordinator.

The course number, "102," indicates that the course is primarily for freshmen and sophomores. The "2 sem. hrs." following the title, indicates the credit value in semester hours. A brief description of the course is provided in the paragraph following the semester hours. The information after "Prerequisites" indicates the required background for enrolling in the course. In the example given, a student must have passed Music 101 or have consent of the Coordinator of Music Theory prior to enrollment in 102. Course title revisions or a change in the course number are indicated by a "formerly" statement. Additional information about the course is available in the particular departmental or school office.

COURSE ABBREVIATIONS

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements. Credit can only be earned in one of the specified courses.

Concurrent registration required (or recommended) means that concurrent registration in two courses is required (or recommended).

Consent department chair The chairperson of the department offering the course must give consent before a student may register for the course.

Consent instructor The course instructor must give consent before a student may register for the course.

Consent school director The director of the school offering the course must give consent before a student may register for the course.

Formerly Offered As indicates a course previously offered under a different number or title. The course is interchangeable with the previous course number or title.

Includes Clinical Experience indicates that certain Clinical Experiences in the student's field are required in the course.

Materials charge optional indicates an optional fee charge for course materials.

May be repeated indicates that a course may be taken for credit more than once if different content is planned; however, there may be a maximum amount of credit specified for the course.

Not for credit if had (course) means that content overlap exists between the specified courses and that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

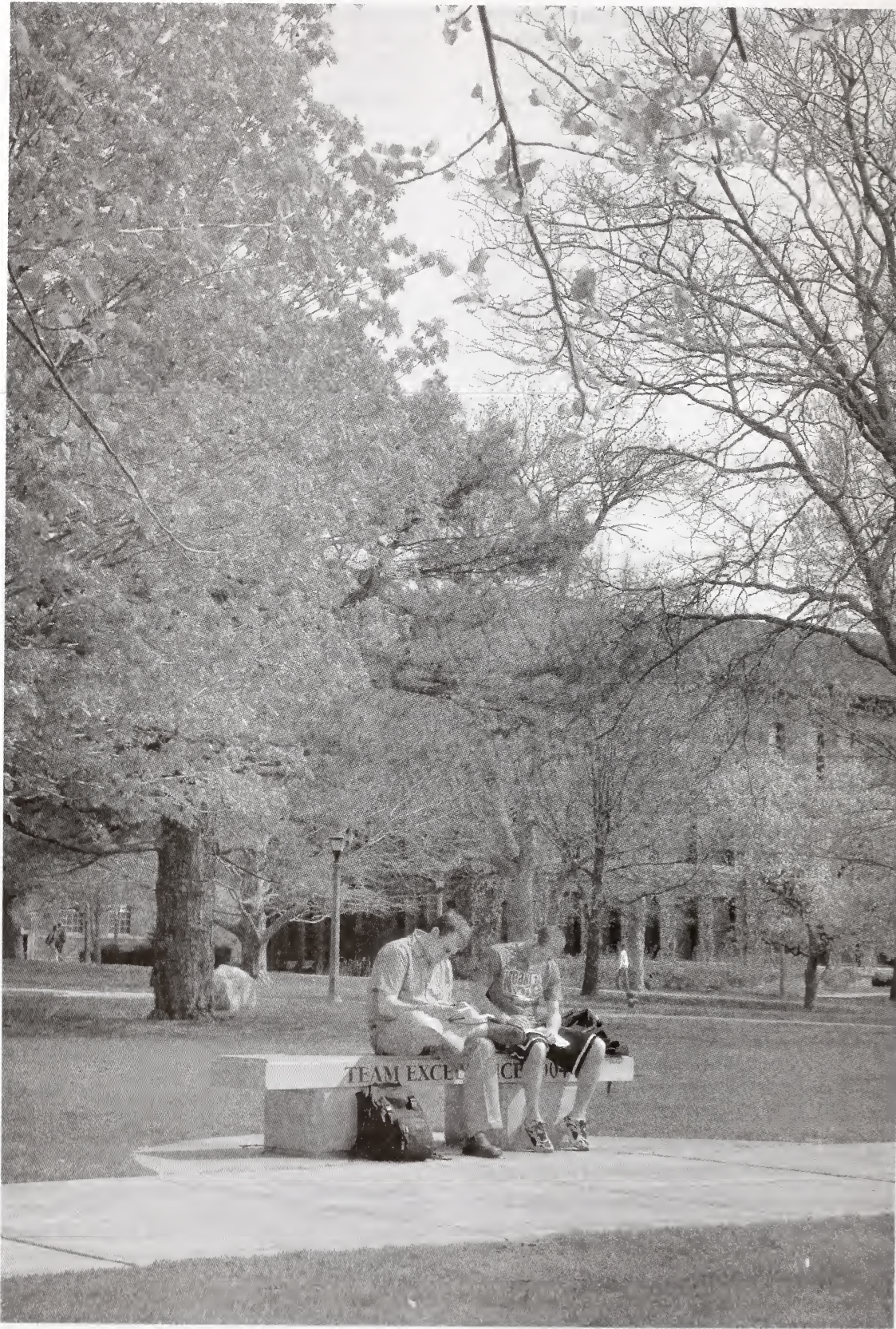
Not for credit major/minor means that the credit from this course may not be applied to the major or minor program requirements.

Variable credit courses are those courses leading to differing number of credit hours. For example: Student Teaching (STT 399) has variable credit hours from 1-16. A student should plan with the advisor the number of hours to be sought in a variable credit course.

DEPARTMENTAL ABBREVIATIONS

The following abbreviations for departmental and school offerings are used both in the program requirement descriptions and in the course descriptions throughout the *Undergraduate Catalog*.

ACC	Accounting	IDS	Interdisciplinary Studies
AGR	Agriculture	INB	International Business
ANT	Anthropology	ITK	Information Technology
ART	Art	KNR	Kinesiology and Recreation
ATK	Arts Technology	LAN	Languages, Literatures, and Cultures
BSC	Biological Sciences	MAT	Mathematics
BTE	Business Teacher Education	MKT	Marketing
BUS	Business Core	MQM	Management and Quantitative Methods
CHE	Chemistry	MSC	Military Science
COM	Communication	MUS	Music
CJS	Criminal Justice Sciences	NUR	Nursing
C&I	Curriculum and Instruction	PHI	Philosophy
CSD	Communication Sciences and Disorders	PHY	Physics
ECO	Economics	POL	Politics and Government
EAF	Educational Administration and Foundations	PSY	Psychology
ENG	English	SED	Special Education
FCS	Family and Consumer Sciences	SOC	Sociology
FIL	Finance, Insurance, and Law	SWK	Social Work
GEO	Geography-Geology	TEC	Technology
HIS	History	THE	Theatre
HSC	Health Sciences	WGS	Women's and Gender Studies



UNIVERSITY FACULTY AND ADMINISTRATIVE STAFF

The following is a list of faculty and administrative staff members as of the first semester of the 2009-10 Academic Year. The listing reflects Academic Ranks, Titles, Assignments and Departments of Employment effective during 2009-10. Only the highest academic degree is indicated for each faculty member.

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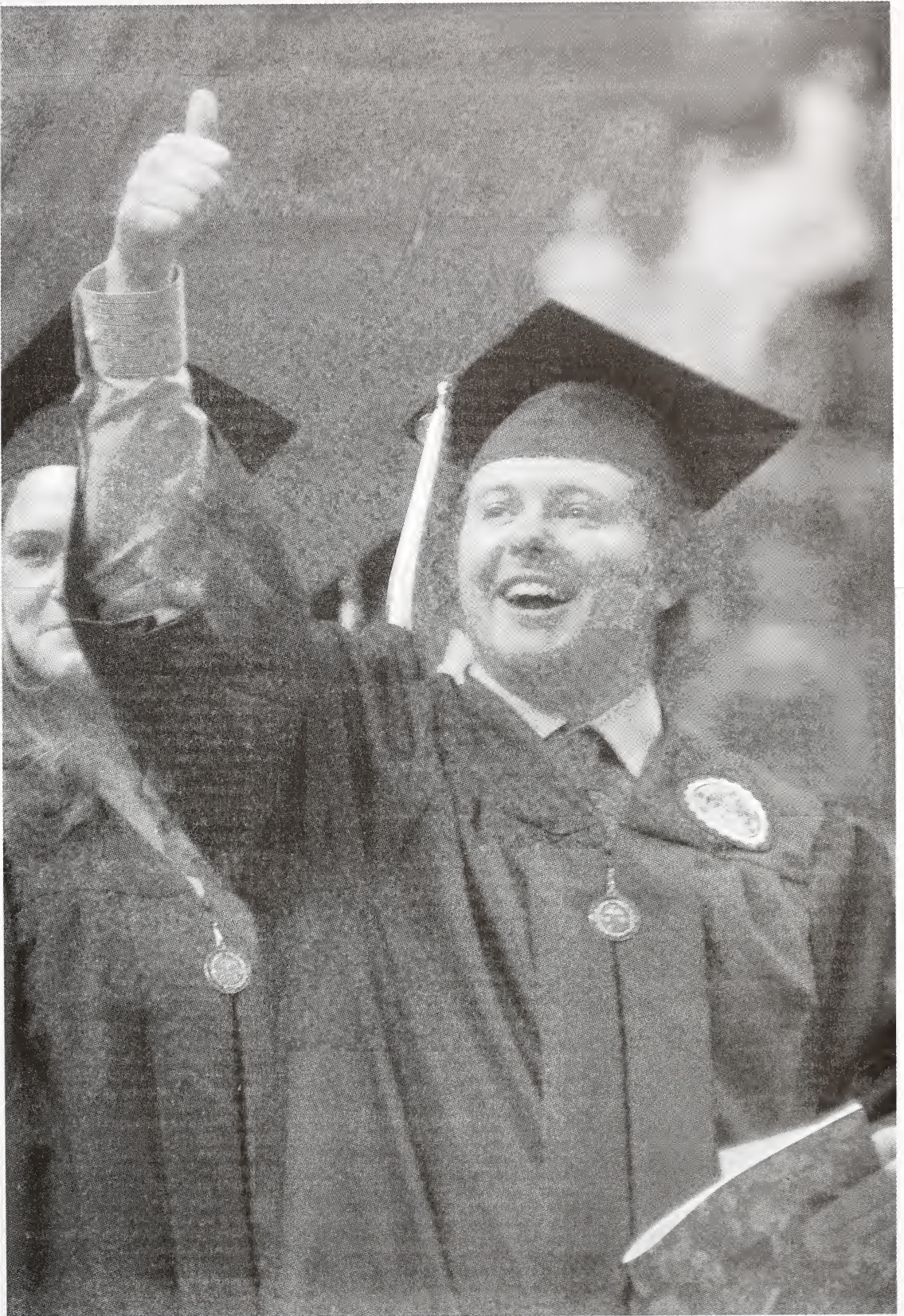
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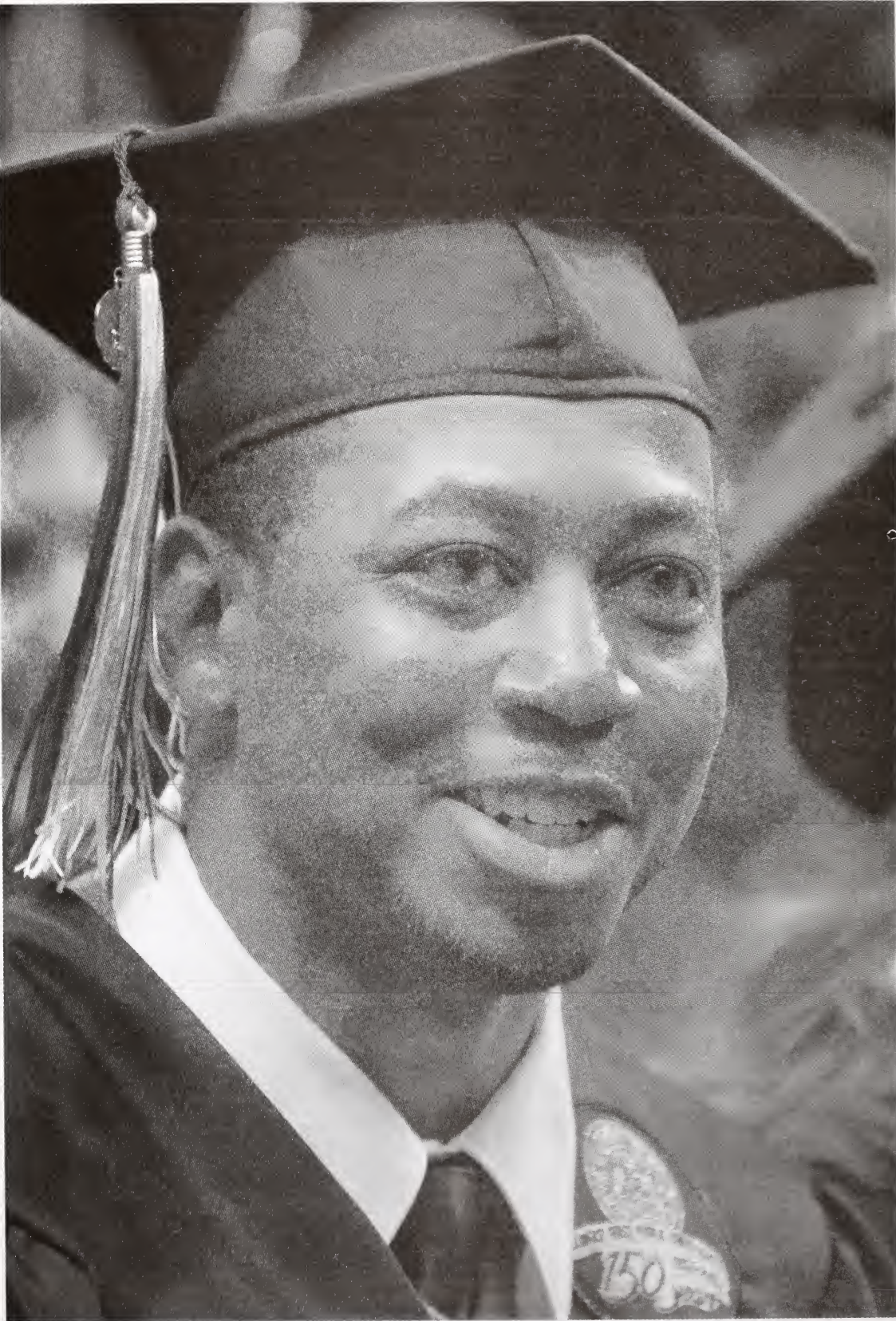
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